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MICHELL'S

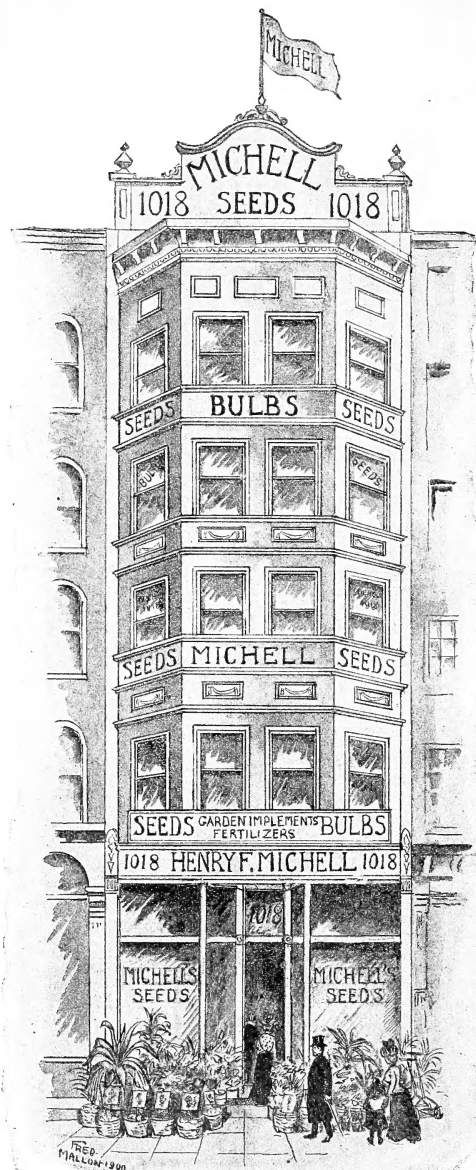
SEEDS · PLANTS · BULBS · ETC

Michell's
Fresh Tested
Seeds
Wholesale

Spring
Catalogue
1903.



1018 MARKET ST · PHILADELPHIA PA.



5 Floors and Basement, 180 feet deep. Total Floor Area, 21,600 square feet.

HENRY F. MICHELL,

HENRY F. MICHELL,

FREDERICK J. MICHELL.

SPECIAL ANNOUNCEMENTS.

- No. 1.—If desired we will gladly procure for our customers any SEEDS, PLANTS, or other articles not offered in our catalogue, but quoted in any other catalogue. Customers will kindly mention in their orders the firm offering the seeds, plants or articles wanted and the prices quoted for same, and we will ship with our own goods, thus saving extra expense and work for our customers.
- No. 2.—We guarantee safe arrival of all goods purchased from us—customers take no risks.

IMPORTANT NOTICE.

To Gentlemen wishing the services of a Gardener. We have on our register the names of very good men who are open for positions. We will be careful to recommend only such men as would be most suitable and with best references.

To Gardeners wishing situations. We constantly have calls for first-class gardeners, and to supply such openings, we cheerfully ask gardeners who are in want of a position to apply to us, and we will endeavor to find a suitable place for good men.

We positively make no charge for this service, either to employer or employee, and exact no obligations whatever, as we consider it a strictly business matter and part of our business.

Quantity of Seeds

usually sown upon an acre. $\frac{1}{2}$

	lbs. per bushel.
Beans, Dwarf, in drills,	60 1 $\frac{1}{2}$ bus.
Beans, Pole, in hill,	60 10 to 12 qts.
Beets, Table, in hill,	6 lbs.
Beets, Mangel Wurzel	5 lbs.
Buckwheat,	1 bus.
Cabbage, in beds, to transplant,	3 $\frac{1}{2}$ lb.
Carrot, in drills,	3 to 4 lbs.
Clover, Red	60 20 lbs.
Clover, White,	60 13 to 15 lbs.
Clover, Alsike,	60 10 lbs.
Clover, Lucerne or Alfalfa,	60 20 lbs.
Corn, in hills,	8 to 10 qts.
Corn, for fodder,	56 3 bus.
Cucumber, in hills,	14 3 bus.
Grass, Kentucky Blue,	14 3 bus.
Grass, Orchard,	14 3 bus.
Grass, English Rye,	24 3 bus.
Grass, Red Top,	10 3 bus.
Grass, Lawn,	3 to 4 bus.
Grass, Hungarian,	48 1 bus.
Kale,	2 lbs.
Melon, Musk, in hills,	2 to 3 lbs.
Melon, Water, in hills,	4 to 5 lbs.
Millet and Hungarian,	48 1 bus.
Oats, broadcast,	32 2 to 3 bus.
Onion, in drills,	6 to 8 lbs.
Onion for sets, in drills,	50 lbs.
Onion Sets in drills,	6 to 12 bus.
Parsnip, in drills,	4 to 6 lbs.
Round Peas, in drills,	60 1 $\frac{1}{2}$ bus.
Wrinkled Peas, in drills,	194 bus.
Peas, broadcast,	3 bus.
Potatoes,	10 bus.
Pumpkin, in hills,	3 lbs.
Radish, in drills,	8 to 10 lbs.
Rye, broadcast,	1 $\frac{1}{2}$ to 2 bus.
Salsify, in drills,	8 to 10 lbs.
Spinach, in drills,	15 lbs.
Squash, bush varieties, in hills,	4 lbs.
Squash, running varieties, in hills,	3 lbs.
Timothy Seed,	12 to 16 qts.
Tomato to transplant,	4 lb.
Turnip, in drills,	2 lbs.
Turnip, broadcast,	2 lbs.
Wheat, broadcast,	1 $\frac{1}{2}$ to 2 bus.

Keystone Tel., Race 50-91 A. Bell Tel., 3-39-12.

1018 MARKET STREET, PHILADELPHIA.

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Value of Good Seeds



TO THE PLANTER it is a well-known fact that **Seeds** to be sown for a dependable crop must, at the beginning, be **Fresh** and of the **Highest Quality**. Our **Seeds** (and in fact all merchandise offered by us) stand this test. Nothing is more provoking and disappointing than after time, labor and money spent, one finds his attempts futile. The price of **Seed** is poor policy to be guided by—all **seeds grow**, even those of the weed-producing varieties, but what they will **produce** is the vital point. Since our entering into this important channel of agriculture, it has been our constant aim to put on the market only such varieties as we know will give the very best results. Vast amount of **Time, Money** and **Touring** through this and foreign countries, examining growing crops, has been required to procure what we offer in this catalogue. They are the **Best Things that Grow**. But we do not stop here, for every year further research is made into the deep mysteries of **Plant** and **Seed** life, so that if you favor us with your orders you will know that the varieties of **Vegetable, Flower** and **Field Seeds** sent out by us are only such as will give you **complete satisfaction**. You need not be a **seedsmen** to realize that you are getting the best—that is our **business** and we **study** it and your interests as well. Never hesitate to plant anything contained in the **smallest packet** or **largest bag** that bears our name.

Have you ever been disappointed in the results of **Seeding your Lawn**? You should not be, while seed such as we furnish is on the market. We know if you sow it once, you will be telling your neighbors and friends about it. We can execute your order any day in any quantity from a pint to 100,000 bushels (sounds like an *immense quantity*, doesn't it?). Well, we buy it by the carload and from the most reputable growers, that's why we offer in our **Evergreen Lawn Seed** (and numerous other private formulas) the standard of **Quality** and **Purity**.

EXPERT ADVICE! Do you need it? It's yours for the **Asking**. We are at all times ready to give any information pertaining to the achievement of success, concerning anything in our line of business. If your plants are thriving poorly, or the Lawn is not showing as it should, write us at once—the answer will come as quickly as though you had sent us an order. **No charge** for the service. When sending us your order, **DO NOT FAIL** to include in it any article you would desire to get from another seedsman in town. We will be glad to get it for you, costs you no more, and will pack it in with our own shipment to you.

READ the numerous unsolicited testimonials distributed throughout this catalogue regarding the high quality of our goods.

Catalogues

We issue at various seasons of the year catalogues (the *educative kind*) that apply to the seasonable wants. If you are a customer or are otherwise interested and do not receive one, kindly advise us at once; they always contain something of interest, showing the most up-to-date methods of keeping and beautifying your garden, lawn, and home. **January**, our spring catalogue is issued. In May we suggest that you look up your rubber hose and lawn sprinklers. Your lawn will appear more beautiful if you keep it watered regularly. **July**, a rather warm month to bother you with reading a list, yet if you wish to have **Celery** next winter and pick **Strawberries** next June, you must read our midsummer issue which tells of our well-grown, transplanted Celery and Pot Grown Strawberry Plants, Early Flowering Bulbs such as Roman Hyacinths, Paper White Narcissus, Freesias, Easter Lilies, etc. The spring and summer have passed, it is time to think of planting the beds of Tulips and Hyacinths, etc. for next spring's display. This catalogue is issued in September, usually a Work of Art, too. The testimonials printed on the cover of this book will tell all about the quality we have furnished to our customers for a long number of years.

Orders, etc.

We endeavor to fill all orders the same day they are received. Of course, during the height of the season, they may be delayed a trifle; if not received within a very reasonable time, "**Write us**," the transportation company is often at fault. Our various departments are arranged in a manner, we believe, faultless, so that orders can be executed with speed and accuracy. Each employee is coached and trained in the various lines of duty which are his—**Flower Seeds**—this department is carefully managed and is under strict personal supervision. Among our Vegetable Seed stock are found varieties which cannot be duplicated. **Our stock exclusively.**

TOOLS AND IMPLEMENTS.

You could hardly imagine that there was such an immense variety of Horticultural Requisites as we have on sale. The **Quality of Material** used in their construction is the best. They cost no more, however, than those of poorer quality.

The **NOVELTIES** offered in our catalogue this year have been selected with utmost care. Do not fail to include some of them in your order—we advise you, however, to include as well some of the standard sorts of their type for a general supply.

HENRY F. MICHELL.

HENRY F. MICHELL.
FRED'K J. MICHELL.

January, 1903.

NEW AND RARE THINGS IN FLOWER SEEDS

DESCRIPTIONS ARE AS GIVEN US BY
THEIR RESPECTIVE INTRODUCERS.



Antirrhinum majus Peloria.

No. 110.

Snapdragon (Antirrh.) "Peloria"

A curiosity indeed, as well as a favorite summer garden flower, entirely distinct from varieties offered heretofore, excellent for cutting, colors dark brownish purple, also brownish purple, with white spurs.

Price, 25c. per pkt.



No. 1311.

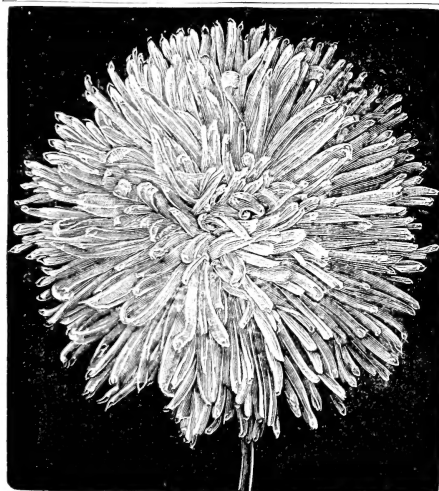
Chrysanthemum Helios.

Indeed one of the most desirable of our Summer Annuals, size immense, 12 inches in circumference; color, deep yellow changing to sulphur. The finest cut flower imaginable.

Price,
25c. per pkt;
3 pkts., 60c



Chrysanthemum "Helios", Summer Blooming Monster Daisy.



Noble Aster.

No. 1123. ASTER, "NOBLE."

A valuable new sort, an offspring of the favorite Ostich feather sort, color a pure white, presenting a handsome appearance, flowers about 12 inches in circumference: sure to become very popular. Price, 20c. per pkt.; 3 pkts. for 50c.

No. 1408.

20th Century Dahlia.

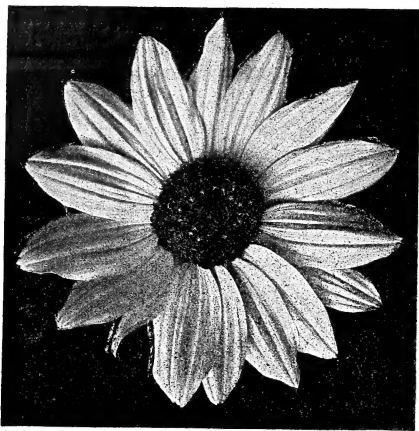
(FROM SEED.)

The new Single Orchid-flowering variety, flowers of very large size, somewhat distinct from the plant produced from root stock, the range of colors is beautiful, the illustration shows a bunch of cut blooms, which was reproduced from a natural photograph.

Price, per pkt., 25c.;
per 5 pkts., \$1.00.



20th Century Dahlia.



New Giant Shasta Daisy (Natural size 12 inches in circumference)

No. 1411 SHASTA DAISIES*(Chrysanthemum Teuocanthemum)*

The latest floral wonder. After years of careful growing and selecting the seed from the finest flowers, the peer has at last been obtained. Imagine a pure white flower often a foot or more in circumference, borne on long wiry stems; they thrive in mostly any ordinary soil, are perfectly hardy, blooming the entire summer months, and when cut the flowers remain in perfect condition for two weeks. (You cannot afford to be without this novelty.) Price per pkt. 35c.



Spicata Cockscomb

**No. 241 Celosia
(Cockscomb)
Spicata**

Though by no means a novelty, this charming Celosia seems to have quite disappeared from culture for a long period. Growing in an erect pyramidal form, they throw up a main stem about 2½ feet high, bearing 20 to 30 side-shoots with fresh green linear leaves, each of which is crowned by a cylindrical flower-spike 2½ to 4 inches long. The flowers open a fresh bright rose tint and the lower petals change gradually to a silvery white, thus presenting to the eye a most charming combination of color. The elegant long-stemmed flowers preserve their beauty for an indefinite period and furnish excellent material for making up bouquets etc. In addition to this they are very suitable for drying. Suitable either for garden or pot culture.

Price 20c per pkt.; 3 pkts. for 50c.

No. 1407 Dahlia "Collarette"

A distinct species of a Single Dahlia, being of French origin; was exhibited at the Paris Exposition and awarded a Silver Medal. They were greatly admired by all who saw them. This type includes a very wide range of colors, beautifully marked. The inner part of the flower is tufted around the seed head and makes a very noticeable contrast. Sure to become a universal favorite with the Dahlia lover. It will bloom the first year from seed.

Price per pkt. 20c.; 3 pkts. for 50c

No. 1250 NEW STAR PETUNIA (Howard's)

This is the finest Petunia of its kind that has come under the observation of the plant grower for years. By a long course of selection and hybridization the peer in color, marking and form has been obtained. Note a few of its special favorable and valuable points.

Size—Flowers two and one-quarter inches in diameter.

Form of Flower—Almost perfectly round, large, well-shaped.

Growth of Plants—Well branched, foliage of fine dark green color, covering a surface of about 24 inches in diameter, growing 6 to 12 inches in height.

Color of Flower—The ground is a dark crimson-maroon, with a rich velvety texture equal to that of the finest pansy. Showing through the ground color are clear violet veins.

Blooming Qualities—The amount of flowers produced is remarkable; single plants have frequently been seen to expand 100 blooms at one time.

Price 15c. per pkt.; 4 pkts. for 50c.



New Star Petunia (Howard's)

No. 1275**New Phlox***(Semi-Double)***Blood Red**

A dwarf variety, very desirable for bedding or for using as a border plant around flower beds. Price 20c. per pkt.; 3 pkts. for 50c.

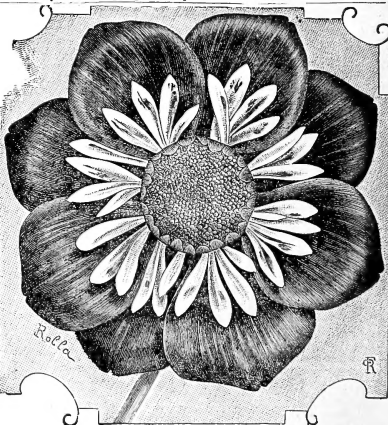


Phlox Drum. nana compacta atropurp. semiplena.

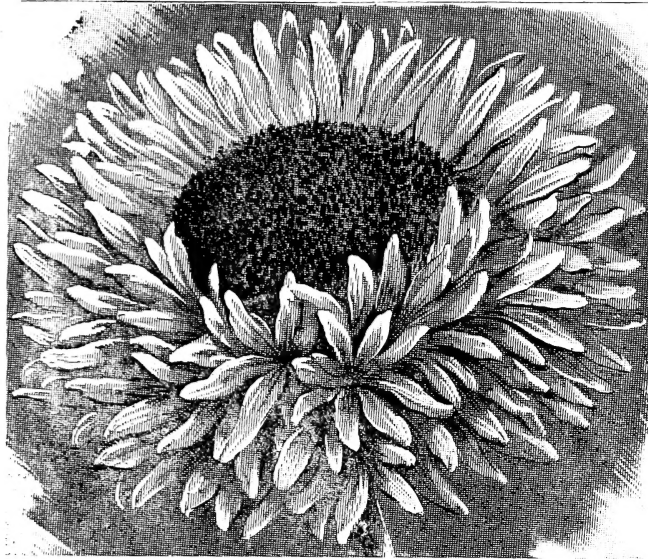
No. 640**Mignonette****"Michell's Marvelous"**

The largest flowering type on the market, producing spikes 15 inches in length; adapted especially for forcing under glass.

Price p. r. pkt. of 500 seeds, 50c.



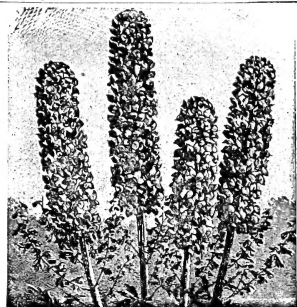
New Dahlia, "Collarette"



No. 457 *Gaillardia Grandiflora* (Semi-Double)

No. 457 New Semi-Double *Gaillardia*

No species of perennials excel this favorite flowering plant. Once established it remains for years. It blooms continuously the entire summer, making a very desirable cut flower. Color a deep golden yellow, tinged at the base Velvety Maroon Red. Your garden will be incomplete without it. Price 25c. per pkt.; 3 pkts. for 60c.



Larkspur (*Delphinium Elatum Hybridum*)

No. 377 New (Semi-Dwarf) *Larkspur*

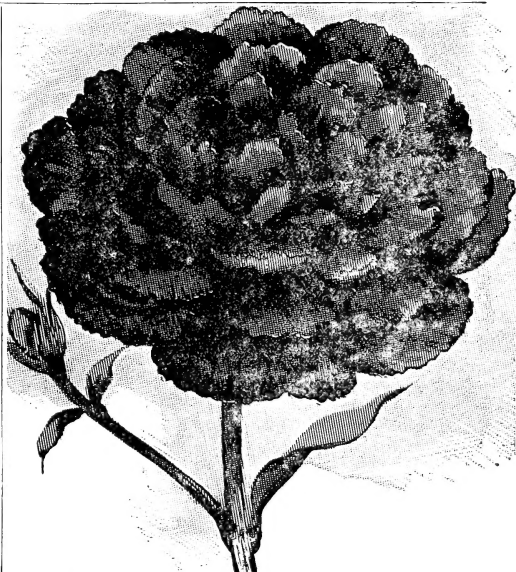
The perennial *Larkspur* is becoming more popular every season. Rarely is the garden anywhere found without it. Its tall flowering spikes, towering above many of the other perennials, and its striking color make it very desirable. This variety flowers in the lightest colors of blue to the deepest shades of Indigo. Height 3 to 3½ ft. Price 20c. per pkt.; per 3 pkts. 50c.



(*Dianthus Plumarius Nanus Flore Pleno*)

No. 355 NEW DOUBLE PINK "ERFURT DWARF"

New Pink Dwarf Erfurt. Entirely distinct from the old-fashioned garden pinks, blooming at least two weeks earlier and producing dwarf stocky plants about one foot high. The fragrance is something very fine; the form of flower is also very desirable. Makes an excellent cut bloom. The wide range in shades of colors is remarkable. Price 25c. per pkt.; 3 pkts. for 60c.

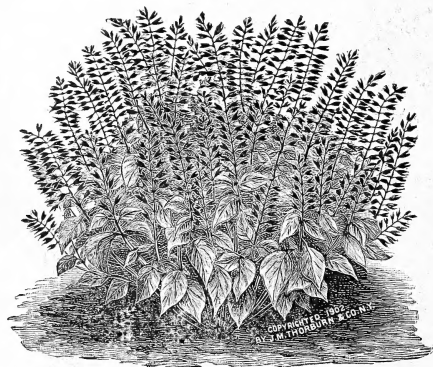


New Pink "Fire Ball" (Actual size of individual flower)

No. 372 NEW DOUBLE PINK "FIRE BALL"

(*Dianthus Hedd. Flore Pleno*)

The reddest of all red pinks. The intensity of color makes this one of the most charming of novelties. The flowers are borne on thickly branched plants, and present a dazzling appearance from a great distance. Price 20c. per pkt.; 3 pkts. for 50c.



Salvia Lord Fauntleroy.

New Scarlet Sage "LORD FAUNTLEROY"

A Dwarf Variety, growing
about eighteen inches high

Color of Flowers Intense Scarlet

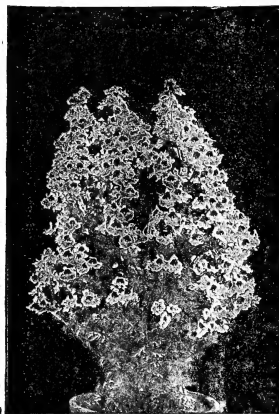
The photograph is reproduced from a single plant, showing its free flowering qualities. The spikes measure ordinarily 8 inches in length.

INDISPENSABLE FOR BEDDING

No. 851

PRICE, per packet, 25c.; five packets, \$1.00

SCHIZANTHUS WISETONENSIS



Schizanthus Wisetonensis.

NOT so well known
as it should be,
This is the best novelty
of the season.
This pretty annual was
much admired at all
the flower shows, in
England and where
otherwise exhibited;
was awarded a

Silver Medal
at the
Paris Exposition.

The colors range from
Pink, Mauve, Deep
Maroon, Bronze, etc.
Exceedingly free flowering.

No. 854

Price 50c. per pkt.

New Dwarf Verbena ROSY SCARLET

A HANDSOME
variety of a
brilliant color.

Flowers bright
rosy scarlet, with a
white centre. An
excellent sort for
bedding.

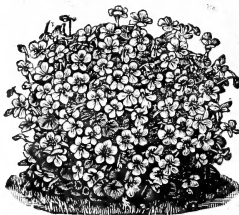


Dwarf Verbena Rosy Scarlet.

No. 952

20c. per packet, three packets for 50c.

New Liliput (Dwarf) Nasturtium OTHELLO



Nasturtium Othello.

ONE of the finest sorts of
this favorite summer
annual. Not exactly new,
but unique in make up, etc.
Color an intense dark red,
almost black. Very desirable.

No. 681

Price 20c. per packet.

New Climbing Nasturtium JUPITER

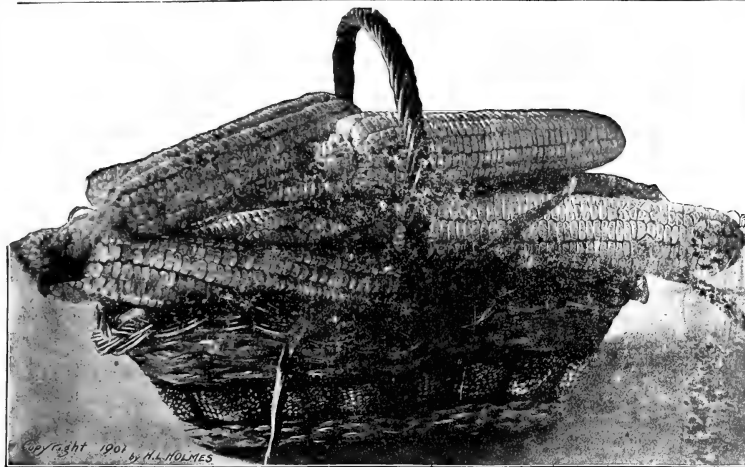
THE King of Nasturtiums, as it is ordinarily termed, has
well deserved its name, for a beauty it is. Color, a
pure deep yellow, with crinkled petals, of immense size,
entirely distinct from any thing offered heretofore.

No. 698

Price, 10c. per packet; per ounce 50c.

DESIRABLE NEW THINGS IN VEGETABLES

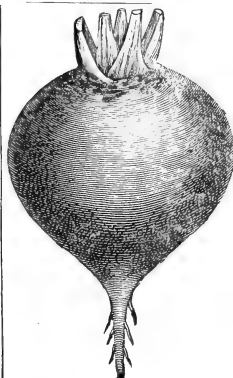
NEW ASPARAGUS *Giant D'Argentuil*. The finest variety on the market. Producing monster stalks of the most tender quality. Single stalks often weighing $\frac{1}{4}$ lb. each. Color almost pure white. Very desirable. Price of seed, per pkt., 10c.; 25c. per oz.; $\frac{1}{2}$ lb. 75c. Price of roots, \$1.50 per 100.; per 1000, \$10.00.



Premo Corn.

PREMO EXTRA EARLY SUGAR CORN

One of the best new additions to the Sugar Corn family—not an untried novelty, but something that has been tested as to quality, productiveness, etc. You'll be disappointed in spring unless you have some of this famous sort in the garden. Price 10c. per pkt.; per pint, 25c.; 40c. per quart; 4 quarts for \$1.25.



Crimson Globe Beet.

Crimson Globe Beet

SELECTED STOCK

We offered this beet last year in our catalogue. All who planted it were highly pleased, in fact so much that many of our Market Gardener friends ask us to immediately reserve some for them. You know they plant the **best only**. Include a trial in your order 10c. per oz.; per $\frac{1}{2}$ lb. 30c.; per lb. \$1.00.



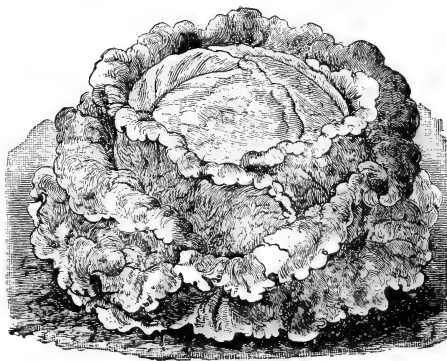
Pepper—Chinese Giant.

PEPPER—CHINESE GIANT

A variety recently introduced, exceedingly popular, of immense size. Bright scarlet in color, when matured. Thick skinned, very sweet. Pkt. 10c.; 50c. per oz.

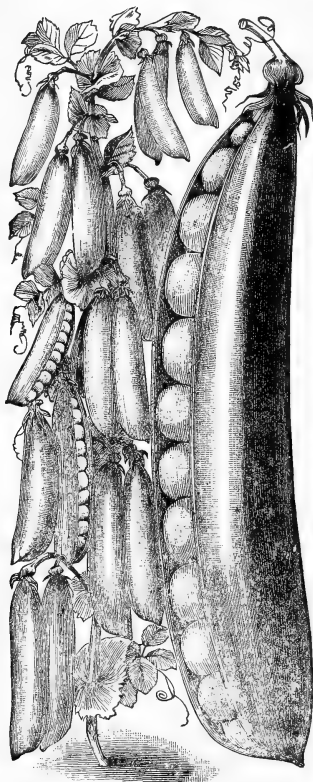
WONDER BUSH LIMA BEAN

Indeed a **wonder**, at least for earliness. A novelty of last year. Matures in about eight weeks from time of planting. Compact grower and very prolific. Pkt. 10c.; 30c. per pint; per quart, 50c.



MICHELL'S MATCHLESS LETTUCE

Matchless Lettuce—matchless as far as quality goes. You couldn't plant any better sort. Will rank among the most popular varieties. A hard heading sort, very desirable for all the year round planting. Pkt. 10c.; 30c. per oz.; $\frac{1}{2}$ lb. \$1.00.



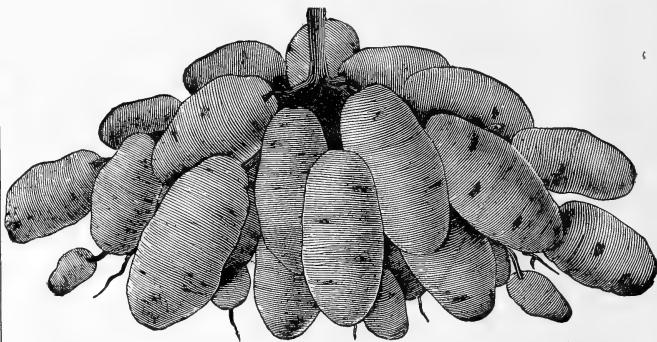
Michell's Special Extra Early Peas

Michell's Extra Early Peas

We offered this excellent sort last year. We had quite a quantity but we could not nearly supply the demand. If you want any this season order them soon as there will not be a great many, for all who planted last year will no doubt double their order. A fine wrinkled dwarf variety, sweet and luscious. Almost melts in your mouth. Pkt. 10c.; 30c. per pint; per quart, 50c.

New Crimson Giant Radish

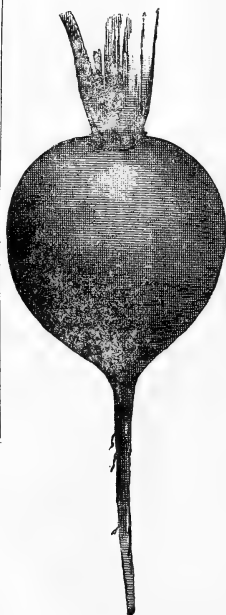
The introducer of this sort sent us a few seeds for a trial two years ago. We gave it to a customer who knows how to grow radishes: the result was he immediately ordered 10 pounds of it but we could not furnish it at once—had to wait until the introducer could send us this quantity. It's the reddest of all red radishes. Very early and quick to mature, growing to full size in about 22 days. Pkt. 25c.



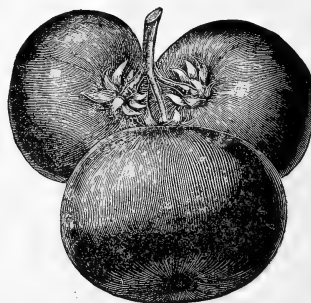
A Single Hill of Michell's "Beats Them All" Potatoes

POTATOES—Michell's "Beats Them All"

It BEATS ALL Potatoes you EVER PLANTED. The only way to be convinced is to try them. For earliness nothing can approach them. They are not *just new*, but we fear you have not taken notice of them as you should. Include some of them in your order outside of the regular quantity and harvest the first potatoes of the season. Price, 75c. per pk.; per bu., \$2.00; \$5.00 per bbl.



Crimson Giant Radish



Earliana Tomato

SPARK'S EARLIANA TOMATO

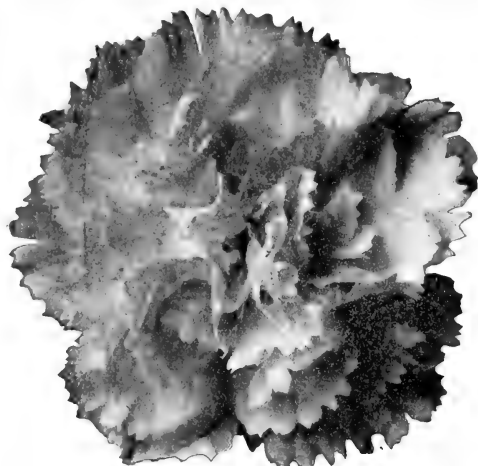
The earliest Tomatoes on the market last year were of this famous sort.

The ordinary early varieties are not so smooth and red.

Commences to yield at least one week earlier than any offered heretofore. Promises to become very popular.

Pkt. 15c.; 40c. per oz.

THE NEWEST AND BEST IN PLANTS



New Carnation Lilian Pond (Actual Size)

NEW CARNATION "ADONIS"

The finest **Scarlet Carnation** yet produced. It is a free grower with stiff stem, averaging 2 feet in height. It is as early as the best standard varieties and it does not lose in size or brilliancy as the weather gets warmer. It won the Lawson Gold Medal, and Certificates of Merit wherever exhibited. Per doz. \$3.00; \$9.00 for 50; per 100, \$15.00.

NEW CARNATION "ENCHANTRESS"

A magnificent **Soft Pink**, something entirely distinct; flowers of immense size and good form, produced on stems averaging 2 feet in length; good keeper. Price \$2.00 per doz.; 50 for \$6.00; \$10.00 per 100.

NEW CARNATION "LILIAN POND"

Claimed to be the finest **White Carnation** yet offered. The photograph taken from an individual bloom shows the size exactly. Form of the flower is perfect, color **Pure White**, calyx strong and **short, stem long** and stout, habit healthy, free flowering; a steady supply of flowers can be depended upon the entire season. The cut flowers keep most excellently. Cultural directions how to treat it with each order. Price \$1.50 per doz.; per 25, \$3.00; \$10.00 per 100.

NEW FANCY CARNATION "TIGER"

A fine variety in a newer color, that of **Orange Striped** with **Pink**, of large size, good habit and strong calyx, produced on stiff wiry stems, and should be in every collection of **Fancy Carnations**. Price \$1.50 per doz.; 25 for \$2.75; \$10.00 per 100.

New Chrysanthemums

Yellow Eaton

It will not take much persuasion to interest the modern grower of this famous flower here; all know the excellent qualities of the parent, with its fine form, etc. The flowers, which are of a fine yellow color and of immense size, were greatly admired wherever exhibited this past autumn at the Chrysanthemum shows. Ready March 1st.

Price 50c. each; per doz. \$5.00

Stella V. T. Elkins

A fine **Crimson**, full incurved variety, certified by the Chrysanthemum Committee.

Price 50c. each; per doz. \$5.00

Mrs. Harry V. Casey

A good **Pink Chrysanthemum** has been wanted for a long time. This one is superior to any offered heretofore. A Japanese incurved sort. **Flower Color, Deep, Handsome Pink**, of immense size, **Foliage of Dark Green** color, well arranged on the plant.

Price 50c. each; per doz. \$5.00

Convention Hall

The finest white incurved variety. Won the \$1,000 prize at Kansas City Show; size immense, good foliage.

Price 50c. each; per doz. \$5.00



The Transvaal Daisy

TRANSVAAL DAISY

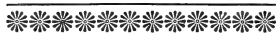
(Gerbera Jamesonii)

A novelty of last year. The demand for same was immense, in fact it could not be satisfied. A large lot of orders are expected again this spring, but all can be filled. Color, rich **Orange Scarlet**. A very desirable garden plant, blooming continuously. Price 30c. each; per doz. \$3.00.

NEW RAMBLER ROSE PHILADELPHIA

An improvement on the popular **Crimson Rambler**. Flowers large, perfectly double, also foliage of the finest kind. Sure to become very popular. Price, strong young plants, 20c. each; per doz. \$2.00.

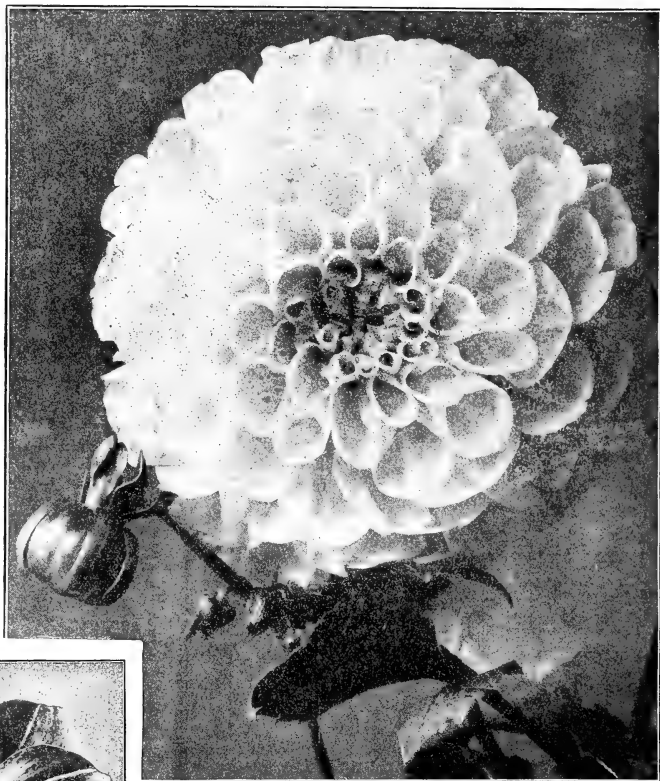
TWO NOVELTIES OF STERLING VALUE



New Dahlia Mrs. Roosevelt

This is one of the finest novelties that has been offered in years. The sale we had last year was tremendous, it promises to be much better this year, perfectly double, of a pleasing pink and white color, flowers of immense size. In a few words we can safely say it is the finest Dahlia on the market.

Price 50c. each; per dozen, \$5.00.



Dahlia, Mrs. Roosevelt.



New Dahlia, 20th Century.

Dahlia, 20th Century

(The New Orchid-Flowered Dahlia.)

The flowers are very large, $4\frac{1}{2}$ to 6 inches in diameter, sometimes reaching 7 inches; of perfect form and exquisite finish. The color is intense rosy-crimson with white tips and white disc around the yellow center as shown in the illustration; a superbly beautiful and striking flower. As the season advances, the deep colored zone becomes lighter and the color contrasts exquisitely lovely and can be compared with no other flower except the beautiful orchids. The keeping qualities are unsurpassed; the flowers cut on stems two to three feet long; keep a long time in perfect condition. The past season the cut flowers sold in the open markets at a much higher price than the finest roses. In addition to the rare beauty of the flower, it combines a sweet fragrance, making it the only fragrant dahlia worthy of the name. The plant is five feet tall, a strong, vigorous, branching grower with fern-like foliage, producing the flowers on long stems with buds and foliage. Price, strong, divided, field-grown roots, 50 cts. each; \$5.00 per dozen.

(See also Pages 59-60 for general list of Dahlias.)



New Rose Dorothy Perkins.



Groff's New Gladiolus.

Climbing Rose Dorothy Perkins.

A cross between the Wichuriana (Memorial) Rose and the favorite Mme. Gab. Luriet, of perfect form very double, and producing flowers measuring two inches across, blooming in clusters, petals crinkled, giving it a handsome appearance. Color a beautiful shell pink, very sweet scented; blooming in bunches of from 40 to 60 flowers, perfectly hardy, quick grower. Ready March 1st.

Strong young plants.

Price 20c. each; per doz., \$2.00.

Michell's Gold Medal Strain of Groff's Gladiolus.

This collection is made up of the choicest new varieties that were exhibited at the Pan-American Exposition—no admirer could wish for any finer display than what these will make. The flowers are of the largest size in the different types.

The newest Reds, Scarlets and Crimson in Mixture. Price 8c. each, per doz. 75c.; \$5.00 per 100.

The newest White, Light Colored and Yellow in Mixture, including all shades of Cream, and many other combinations of the aforementioned colors.

Price 10c. each, per doz. \$1.00; \$6.00 per 100.

Rare Blues in Lilac, Clematis Color and Heliotrope, and many other new Hybrids not approached by anything in the Gladiolus line. Price 10c. each, per doz. \$1.00; \$6.00 per 100.

Giant Crinums.

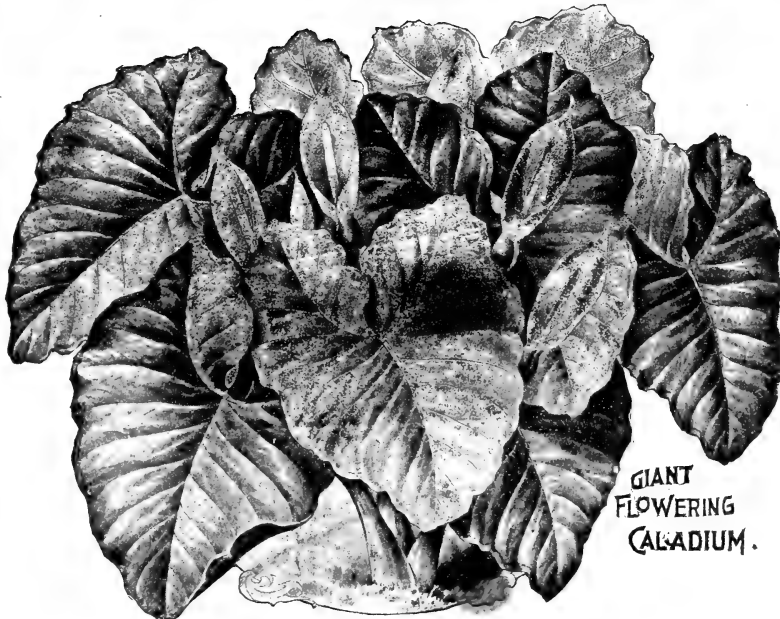
Classed among the Amaryllis, very similar in growth.

Capense Rosca. Pink, 10c. each, per doz. \$1.00.

Capense Alba. White, 10c. each, per doz. \$1.00.

Giant Flowering Caladium.

Foliage twice the size of the ordinary variety, heavy and of good green color, produces flowers pure white in color, changing to cream; a perpetual bloomer. Price 20c. ea., per doz \$2.25 (postpaid)



GIANT
FLOWERING
CALADIUM.

Michell's Fresh Tested Vegetable Seeds

Asparagus

Spargel (Ger.). Asperge (Fr.).

One ounce will sow forty feet of drill, 5 lbs. to the acre.

Practical Asparagus Culture (Hurley)

Send free on application.

Columbian Mammoth White. Pkt. 5c.; 10c. per oz.; per $\frac{1}{4}$ lb., 25c.; 80c. per lb.

Conover's Colossal. The Standard variety, of large size, tender and of excellent quality. Pkt. 5c.; 10c. oz.; 1 lb. 40c.; \$3.50 10 lbs.

Barr's Mammoth. Pkt. 5c.; 10c. oz.; 1 lb. 50c.; \$4.00 per 10 lbs.

Palmetto. An early, prolific and very desirable variety. Pkt. 5c.; 10c. oz.; 1 lb. 50c.; \$4.00 per 10 lbs.

Asparagus Roots

Two Year Old, Extra Healthy and Strong Roots.

About 3,500 roots are required to plant an acre.

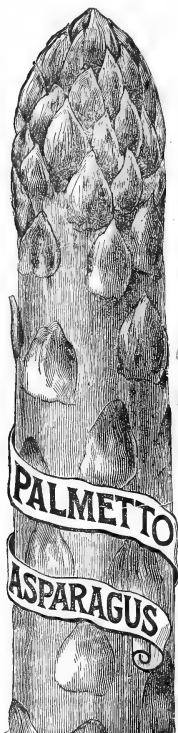
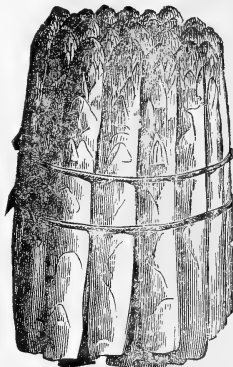
Plant two year old roots into permanent beds which should be well and deeply manured and trenched to the depth of 18 inches. Set the plants in rows from 3 to 4 feet apart, and 2 feet in the rows, spreading out the roots, and cover gradually during the season to 6 or 8 inches. On the approach of winter cover with manure or compost; fork the beds early in spring, and apply a dressing of salt at the rate of 600 lbs. an acre. Cut for use the second year after planting.

Palmetto or Eclipse. Per 100 80c.; \$5.00 per 1,000.

Columbian Mammoth White. Per 100 80c.; \$5.00 per 1,000.

Conover's Colossal. Per 100 65c.; \$4.50 per 1,000; \$5.00 per 2,000.

Barr's Mammoth. Per 100 80c.; \$5.00 per 1,000. 500 of one variety at 1,000 rates.



Artichoke (Ger.). **ARTICHOKE** Artichaut (Fr.).

Green Globe. Pkt. 5c.; 30c. oz.

Jerusalem Artichoke Roots. This variety is not produced from seed. They are sometimes used as a table vegetable when picked, but their greatest value is for feeding stock. Qt. 15c.; \$1.00 pk.; bush, \$3.00.

Rothe Rüben (Ger.). BEETS Betterave (Fr.). One ounce will sow fifty feet of drill 5 lbs. per acre.

The soil best suited for beet culture is that which is rather light and well enriched. Sow in drills one foot apart and one inch deep, as early as the ground can be worked; when the plants are large enough thin out to stand six inches apart in rows; continue for a succession as late as the middle of July. Keep well cultivated.

VARIETIES FOR TABLE USE

Arlington Favorite Blood Turnip. Extra early; exceedingly sweet, rich, blood red. Pkt. 5c.; 10c. oz.; $\frac{1}{4}$ lb. 25c.; 75c. lb.

Bastian's Extra Early Turnip. The best beet for the market gardener and family use; very early, of quick, large growth, fine turnip form and bright red color; a good forcing variety. Pkt. 5c.; 10c. oz.; $\frac{1}{4}$ lb. 15c.; 50c. lb.

Bastian's Half-Long Blood. A valuable variety to follow Bastian's Extra Early; for winter use plant about the middle of July. Pkt. 5c.; 10c. oz.; $\frac{1}{4}$ lb. 15c.; 50c. lb.

Crimson Globe. The finest table beet in existence; for description see Novelty Pages. Be sure and include some of this variety in your seed order. 5c. pkt.; oz. 10c.; 30c. per $\frac{1}{4}$ lb.; per lb. \$1.00.

Crosby's Egyptian. An improved, perfectly smooth, Egyptian Beet. Much thicker than the original early, of better color and quality. Pkt. 5c.; 10c. oz.; $\frac{1}{4}$ lb. 25c.; 75c. lb.

Eclipse. Remarkable for its rapid growth, extreme smallness of top and extra fine quality. Perfectly smooth and round, skin and flesh intense red. An excellent sort for forcing. Pkt. 5c.; 10c. oz.; $\frac{1}{4}$ lb. 20c.; 60c. lb.

Edmund's Blood Turnip. An early variety, possessing good qualities; flesh dark red, sweet and of good flavor. Pkt. 5c.; 10c. oz.; $\frac{1}{4}$ lb. 15c.; 1 lb. 50c.

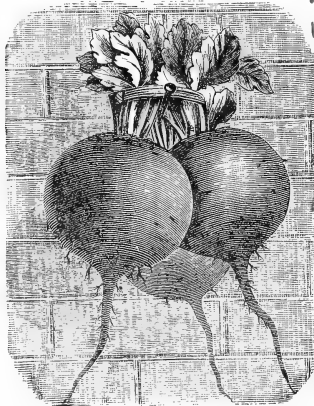
Extra Early Bassano. A very early flat variety, tender, juicy, flesh white and rose colored. Pkt. 5c.; 10c. oz.; $\frac{1}{4}$ lb. 15c.; 1 lb. 50c.

Improved Long Blood. A good late variety for fall and winter use; sweet and tender. Pkt. 5c.; 10c. oz.; $\frac{1}{4}$ lb. 15c.; 50c. 1 lb.

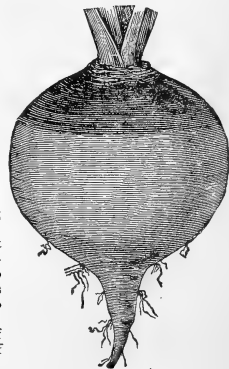
Lentz Early Turnip. A fine sort for early use. Pkt. 5c.; 10c. per oz.; per $\frac{1}{4}$ lb. 15c.; 50c. per lb.

Michell's Peerless Beet. This valuable variety cannot be recommended too highly both for private and commercial use, similar in shape to Edmund's Blood Turnip Beet, and of a dark red color. It forms fine smooth roots of excellent flavor; its winter keeping qualities are also remarkable. Pkt. 5c.; 10c. per oz.; $\frac{1}{4}$ lb. 25c.; 75c. per lb.

Swiss Chard. Grown for its leaves only; the middle of the leaf is served like Asparagus; the other portions of the leaf are used like Spinach. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; 60c. 1 lb.



Michell's Eclipse Beet



Michell's Peerless Beet

Mangel-Wurzel or Cattle Beets

Five pounds are sown to the acre.

Sow in April and May in thoroughly plowed, well-manured soil, in drills two inches deep and about eighteen inches apart. Thin out to twelve inches and keep the weeds down by frequent hoeing and cultivating. Low ground is best adapted for mangel-wurzels.

✓ **Mammoth Long Red.** This is an enormously productive variety, yielding from fifty to seventy tons to the acre, a single root often weighing from twenty to thirty pounds. It is the best long red mangel and very valuable for stock feeding. Oz. 5c.; 10c. $\frac{1}{4}$ lb.; 30c. lb.; \$2.50 10 lbs.

✓ **Golden Tankard.** The best yellow mangel in cultivation. Relished by milch cows and sheep. Maturing earlier than other large sorts. Oz. 5c.; 10c. per $\frac{1}{4}$ lb.; 30c. per lb.; \$2.50 per 10 lbs.

✓ **Red Globe.** Oz. 5c.; 10c. $\frac{1}{4}$ lb.; 30c. lb.; \$2.50 10 lbs.

✓ **Yellow Globe.** Oz. 5c.; 10c. per $\frac{1}{4}$ lb.; 30c. lb.; \$2.50 10 lbs.

✓ **Norbiton Giant.** Large, small top, one of the best long red varieties. Oz. 5c.; 10c. per $\frac{1}{4}$ lb.; 30c. lb.; \$2.50 10 lbs.

✓ **Improved Imperial White Sugar Beet.** An improvement on the other varieties of sugar beets, harder, and containing a greater percentage of sugar. Oz. 5c.; 10c. per $\frac{1}{4}$ lb.; 30c. lb.; \$1.25 5 lbs.

✓ **Lanes Improved White Sugar.** This variety attains an enormous size, growing considerably above the ground, one of the best for stock feeding. Oz. 5c.; 10c. per $\frac{1}{4}$ lb.; 30c. per lb.; \$1.25 per 5 lbs.

Spargel-Kohl (Ger.). **BROCCOLI** Chou Brocolis (Fr.).

✓ **Grange's Autumn White Cape.** This is the best variety grown; can be grown where cauliflower is an uncertain crop. Pkt. 10c.; 30c. oz.; \$1.00 $\frac{1}{4}$ lb.; \$4.00 lb.

Bohne (Ger.).

BEANS

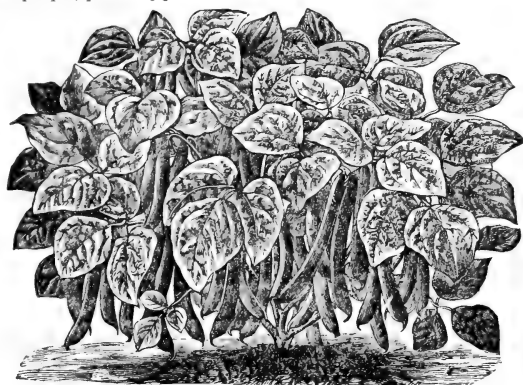
[Haricot (Fr.).]

One quart will plant about 200 hills or a drill 100 feet long.
DWARF OR SNAP SHORT (Green Pod Varieties)

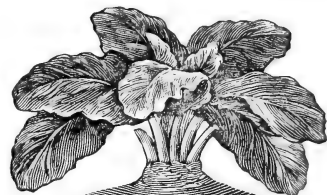
Plant soon as danger from frost is past, in light, warm soil, in drills two inches deep and two feet apart, three inches apart in the drill, or in hills three or four feet apart. Avoid cultivating when wet with rain or dew, as it will injure the crop; hoe often when dry. Plant every two weeks for succession.

✓ **Improved Extra Early Red Valentine.** One of the very best sorts for private use or market. The pods are round, fleshy, tender, and remain longer in a green state than most varieties. Good for pickling. Pkt. 5c.; by mail 10c.; 25c. qt.; 90c. 4 qts.; \$1.65 pk.; \$6.00 bu.

✓ **Boston Navy or Pea.** Pkt. 5c.; 10c. by mail; 25c. per qt.; 4 qts. 85c.; \$1.50 per pk.; per bu. \$5.50.



Improved Extra Early Red Valentine



23 lbs.

MICHELL'S Mammoth Long Red Mangel-Wurzel

We offer \$3.00 in 2 Prizes

for the best 3 specimens of Long Red Mangel-Wurzel Beets exhibited at the Philadelphia Chrysanthemum Show in November, 1903.

✓ **Best of All.** The pods are six inches long, very fleshy, succulent; and of rich flavor; produced early and abundantly. Pkt. 5c.; by mail 10c.; 30c. qt.; \$1.00 4 qts.; \$1.90 per peck; \$6.75 per bush.

✓ **Early Mohawk.** The hardest of the early varieties, and will endure a slight frost. Pkt. 5c.; by mail 10c.; 25c. qt.; 90c. 4 qts.; \$1.60 pk.; bu. \$5.75.

✓ **Early Long Yellow Six Weeks.** A hardy and prolific variety, a good and reliable cropper. Pkt. 5c.; by mail 10c.; 30c. qt.; 90c. 4 qts.; \$1.65 pk.; \$6.00 bu.

✓ **Mammoth Stringless Green Pod.** An improvement on the Stringless Green Pod variety, possessing the same good qualities but yielding pods of enormous size. Pkt. 5c.; by mail 10c.; 35c. per qt.; \$1.25 4 qts.; \$2.00 per pk.; \$7.00 per bu.

✓ **Stringless Green Pod.** Positively stringless, round pods. Extra early. Pkt. 5c.; by mail 10c.; 30c. per qt.; \$1.00 per $\frac{1}{2}$ pk.; \$1.75 per pk.; \$6.00 per bu.

✓ **White Kidney or Royal Dwarf.** Pkt. 5c.; by mail 10c.; 25c. qt.; \$1.25 pk.; \$4.50 bu.

✓ **White Marrowfat.** Grown as a dry bean for winter use; excellent shelled. 20c. qt.; \$1.00 pk.; \$3.75 bush.

✓ **Emperor William (Forcing).** Pkt. 15c.; 60c. per qt. Sion House. (Forcing). Pkt. 15c.; 60c. per qt.

Michell's Fresh Tested Vegetable Seeds



WAX BEANS

Yellow Poddled Varieties

Round Poddled Kidney Wax. A valuable addition to the Wax Bean family originated by a specialist, entirely stringless, very tender, and of a rich golden color, producing pods averaging 7 inches in length, considered free from rust. Pkt. 5c.; by mail, 10c.; 25c. per pt.; per qt. 40c.; \$1.30 per 4 qts.

Dwarf Golden Wax. (Rust Proof.) Very early and productive, of excellent quality, and entirely free from rust, besides being very crisp and tender and keeps longer than any other after picking, which renders it valuable for distant shipping. Pkt. 5c.; by mail, 10c.; 30c. per qt.; \$1.00 4 qts.; \$1.75 per peck; per bush, \$6.50.

Wardwell's Kidney Wax. One of the earliest of all wax podded varieties. Almost entirely free from rust and spots. Long, round, stringless pods. Pkt. 5c.; 30c. per qt.; 4 qts. \$1.00; \$1.75 per peck; per bush, \$6.75.

Black or German Wax. Pkt. 5c.; by mail, 10c.; 30c. per qt.; 4 qts. \$1.00; \$1.75 per peck; per bush, \$6.50.

White Wax. Pods delicate, waxy white, half transparent. Pkt. 5c.; by mail, 10c.; 30c. qt.; 4 qts. \$1.00; \$1.75 per peck; per bush, \$6.50.

Saddle-Back Wax. A cross between the Yosemite Wax and the Black Eyed Wax, pods large, round, very solid and absolutely stringless; an excellent variety. Pkt. 5c.; by mail, 10c.; 30c. qt.; 4 qts. \$1.00; \$1.75 per peck; per bush, \$6.00.

Perfection Wax. For vigor of growth and immense productiveness it is scarcely equaled by any other Dwarf Wax Bean. The magnificent, large, golden-yellow pods are handsome, stringless, tender, and of a very rich flavor. Pkt. 5c.; by mail 10c.; 30c. per qt.; 4 qts. \$1.00; \$1.75 per peck; per bush, \$6.50.

Valentine Wax. The very earliest wax bean. Round pods, stringless and rust-proof. Pkt. 5c.; by mail 10c.; per qt. 30c.; \$1.00 4 qts., per peck \$1.75; \$6.75 per bush.



Burpee's Bush Lima

Pole Beans

Plant in hills four feet apart, six to eight beans to hill, eyes downward, afterward thin to three plants in a hill. Set poles eight to ten feet high before planting.

Early Golden Cluster Wax. Pods very tender, six to eight inches long, of large size, borne profusely in large clusters of three to six; beautiful golden yellow color, which they retain long after being picked. Snaps easily, is stringless, cooks tender, delicious flavor. Pkt. 10c.; pt. 25c.; qt. 40c.; \$1.35 per 4 qts.

Kentucky Wonder. (Green Pod.) One of the best green pod pole beans, producing pods in clusters ready for use about 85 days from time of planting. Pkt. 10c.; 35c. pt.; qt. 40c.

Lazy Wife's. (Green Pod.) Pkt. 10c.; 30c. per qt.; per 4 qts. \$1.00.

Horticultural or Speckled Cranberry. (Green Pod.) Pkt. 10c.; 15c. pt.; qt. 40c.; \$1.15 per 4 qts.

Scarlet Runner. (Green Pod.) Pkt. 10c.; 20c. per pt.; qt. 35c. \$1.15 per 4 qts.

English or Broad Windsor Beans

Used only as shelled beans. Plant in strong, heavy soil, in drills three feet apart and two inches deep. Pkt. 10c.; 20c. per pt.; qt. 35c.; \$1.15 per 4 qts.

LIMA BEANS

These are more tender and require rather more care in culture than the Bush Beans, and should be sown two weeks later. They succeed best in sandy loam, which should be liberally enriched with short manure in the hills, which are formed, according to the variety, from three to four feet apart; from five to six seeds are planted in each hill about two inches deep. Rough cedar or similar poles, about seven or eight feet long, should be used for Lima Beans to climb on. They should be set in the ground at least eighteen inches, so as to prevent being blown over.

Pole Varieties

Stangen Bohne (Ger.). Haricots A Rames (Fr.).

One quart will plant 150 hills.

Ford's Mammoth Poddled Large. The most valuable and prolific variety. Pods six to nine inches long; seed grown from original stock. Pkt. 10c.; 30c. qt.; 4 qts. \$1.50.

Michell's Selected Large Jersey. Has proven exceedingly satisfactory; beans are very tender and luscious. An extra selection of seed stock; large fine beans, all hand picked. Pkt. 10c.; 35c. qt.; 4 qts. \$1.20; \$2.00 per peck.

King of the Garden. Vigorous grower, requiring but two vines to each pole, producing a continuous bloom and fruitage to extreme end of season. Pods are of enormous size, many specimens measuring from five to eight inches, producing as high as six beans to the pod, perfectly formed and of superior quality. Pkt. 10c.; 20c. per pt.; 35c. qt.; 4 qts. \$1.20; \$2.00 per peck.

Siebert's Extra Early. The earliest pole Lima. Very productive and tender. Pkt. 10c.; 25c. pt.; qt. 45c.; 4 qts. \$1.25.

Dreer's Improved. Earlier and more prolific than Large Lima; beans smaller, extra quality. Pkt. 10c.; 40c. qt.; 4 qts. \$1.35; peck \$2.25.

Extra Early Jersey. Pkt. 10c.; 40c. qt.; 4 qts. \$1.35; \$2.25 per peck.

Small Lima or Sieva. Pkt. 10c.; 30c. qt.; 4 qts. \$1.00; \$1.75 per peck.

Horticultural Lima. A variety of the highest merit. It is a cross between Dreer's Pole Lima and Dwarf Horticultural, combining the excellent quality of the Dreer Lima with the earliness, hardness and flavor of the Horticultural, being fully three weeks earlier than any other Lima. Pkt. 10c.; 40c. qt.; \$1.15 per 4 qts.; peck \$2.25.

Early Black Lima. Pkt. 10c.; 40c. qt.

Red Cedar Bean Poles

\$5.00 per 50; per 100 \$9.00.

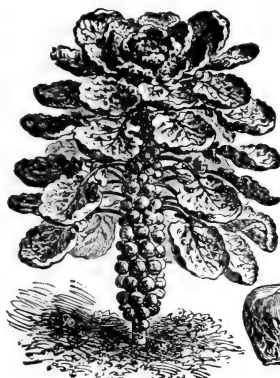
Dwarf or Bush Varieties

Dreer's Bush Lima. A splendid variety. Pkt. 10c.; 30c. per pt.; per qt. 50c.; \$1.60 4 qts.

Henderson's Bush Lima. The earliest of all Limas. Pkt. 10c.; 40c. qt.; 4 qts. \$1.35.

Burpee's Bush Lima. The only bush form of the true Large Lima Bean. Pkt. 10c.; 20c. pt.; qt. 40c.; \$1.20 4 qts.; per peck \$2.25.

Specimen Pod of Michell's Selected Large Jersey Lima



Improved Brussels Sprouts.

BRUSSELS SPROUTS

Brusseler Sprossen (Ger.).
Chou de Bruxelles (Fr.).

Produces small heads from side of stalk, which are in perfection for use in autumn after early frosts. Sow in May, transplant in June one foot apart each way and cultivate like winter cabbage. A most delicious vegetable very easily grown.

Matchless Improved. Pkt. 5c.; 10c. per 1/2 oz.; 25c. oz.; 75c. 1/4 lb. **Sutton's Exhibition.** Per original pkt. 25c.

CABBAGE

(Kopfkohl Ger.).

Chou Pommé ou Cabus (Fr.).

One ounce will produce about 2000 plants. Our Cabbage seed is all grown from selected heads only, by a specialist on Long Island.



The requirements for a good crop are rich soil, deep plowing, high manuring and good seed. Sow seeds in January or February in hotbeds, and transplant latter part of April or early in May to open ground, or an early sowing in open ground is the custom. Set the plants in rows two feet apart, and 12 to 18 inches apart in the row. For second early sow in April and transplant in May. For late crop sow in May and transplant in July, setting plants in rows three feet apart and two feet in rows.

Michell's Private Strain Early Jersey Wakefield. A favorite market gardeners' variety, very early, following the Oxheart, of good size and quality and always sure to head; extra fine selected stock. Pkt. 10c.; 30c. oz.; \$1.00 1/4 lb.; \$3.50 lb.

Large Early York. A good old standard variety. Pkt. 5c.; 20c. oz.; 60c. per 1/4 lb.; \$2.00 lb.

Large Charleston Wakefield. Selected, large solid heads of good quality, about one week later than Early Jersey Wakefield. Pkt. 10c.; 30c. oz.; \$1.00 per 1/4 lb.; \$3.50 lb.

Early Winnigstad. A solid tender variety, good for either early or late. Pkt. 5c.; 20c. oz.; 60c. 1/4 lb.; \$1.25 per lb.

Early Flat Dutch. A valuable second early variety forming large solid heads of fine quality. Pkt. 5c.; 20c. per oz.; 65c. per 1/4 lb.; \$2.00 per lb.

All Head Early. Pkt. 10c.; 20c. per oz.; 75c. per 1/4 lb.; \$3.50 per lb.

Stoneball. One of the finest winter cabbages yet introduced, it forms large smooth round heads, from which it well deserves its name, its winter keeping qualities are unsurpassed. Pkt. 10c.; 25c. per oz.; 80c. per 1/4 lb.; \$2.75 per lb.

Henderson's Early Summer. A second early variety, with large solid heads, coming in a few days later than the Wakefield. Pkt. 10c.; 25c. oz.; 75c. per 1/4 lb.; \$2.50 lb.

Succession. A good second early sort producing solid round heads, comes in a few days later than Henderson's Early Summer. Pkt. 10c.; 30c. per oz.; \$1.00 1/4 lb.; \$3.50 per lb.

Early Drumhead. A second early, large, solid, flat-heading variety. Pkt. 10c.; 30c. per oz.; 75c. 1/4 lb.; \$2.25 per lb.

We offer \$3.00 in Two Prizes for the best Six heads of Cabbage exhibited at the Philadelphia Chrysanthemum Show in Nov. 1903.

CABBAGE—Continued.

All Seasons Selected. Pkt. 10c.; 25c. oz.; 75c. per 1/4 lb.; \$2.50 per lb.

Danish Ballhead. One of the very best medium late sorts. Hardly ever fails to produce a hard, good shape, large head. Pkt. 10c.; 25c. per oz.; per 1/4 lb. 75c.; \$2.50 per lb.

Holmes Houser. An excellent winter sort of great merit, selected by a specialist after careful growing for years. Per pkt. 10c.

Extra Selected Late Flat Dutch. The favorite Philadelphia winter market variety, short stem and large solid flat heads; superior stock. Pkt. 5c.; 20c. oz.; per 1/4 lb. 60c.; \$2.00 per lb.

Large Late Drumhead. A favorite winter variety with market gardeners; extra large solid heads. Pkt. 5c.; 20c. oz.; 1/4 lb. 60c.; \$2.00 per lb.

Perfection Curled Drumhead Savoy. The largest solid heading curled sort, of excellent flavor. Pkt. 5c.; 25c. oz.; 1/4 lb. 60c.; \$2.00 per lb.

Early Green Curled Savoy. Pkt. 5c.; 25c. oz.; 1/4 lb. 60c.; \$2.00 per lb.

Red Dutch Drumhead. A large red-heading variety for pickling. Pkt. 5c.; 20c. oz.; 1/4 lb. 60c.; \$2.00 per lb.

CABBAGE PLANTS

EARLY SORTS. From hot beds. All the leading varieties ready April 1st. 100 40 cts. per 1000 \$3.00.

FROM COLD FRAMES TRANSPLANTED. 75c. per 100;

per 1000 \$6.00.

LATE SORTS. Ready July 1st. 100 30c.; 1000 per \$2.00.

SPECIAL PRICES ON LARGE QUANTITIES.

CARROT

Möhren (Ger.).

Carotte (Fr.).

One ounce to 100 feet of drill, three pounds to the acre.

A light sandy loam, well tilled and manured the previous year best suits the carrot; for early crops sow as early as the ground can be worked, in drills ten inches apart, and thin to five inches in the row.

Very Early Short-Horn Scarlet or French Forcing. An early forcing variety; small root and excellent flavor. Pkt. 5c., 10c. oz.; 1/4 lb. 30c.; \$1.00 lb.

Early Scarlet Horn. The favorite early red variety, fine grained and good flavor. Pkt. 5c.; 10c. oz.; 1/4 lb. 30c.; \$1.00 lb.

Early Half-Long Scarlet. A very desirable pointed root variety, coming in between the Scarlet Horn and the Long Orange; early of fine flavor and good color. Pkt. 5c.; 10c. oz.; 1/4 lb. 25c.; 85c. lb.

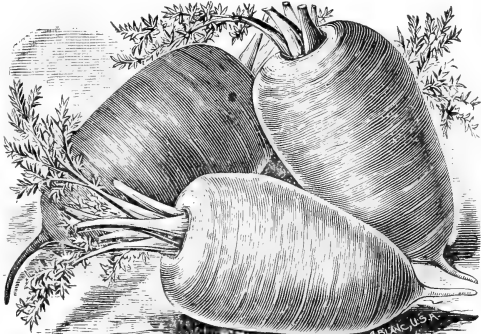
Danvers Half Long. The best variety for general crop; is rich orange color, a very heavy yielded and splendid keeper, first-class Carrot for all soils, and valuable both for table and stock. We have an extra fine strain of seed of this favorite sort. Pkt. 5c.; 10c. oz.; 1/4 lb. 25c.; 85c. lb.

New Rubicon Half-Long. An entirely distinct Carrot. It is the best in shape, and its deep red orange-colored flesh is the finest in quality of all. It is earlier than the Danvers and about the same length; extremely well adapted for early forcing, for growing outside at any season of the year, being a wonderfully heavy cropper on any kind of soil. Pkt. 5c.; 10c. oz.; 1/4 lb. 30c.; \$1.00 lb.

Guarande or Oxheart. A desirable variety on soils too hard and stiff for the longer growing sorts, as it is not over five or six inches long. The thickness often equals the length, thus making it really as large as the longer sorts. Pkt. 5c.; 10c. oz.; 1/4 lb. 25c.; 85c. lb.

Chantenay Half-Long. Resembles the Nantes; very productive. Pkt. 5c.; 10c. oz.; 1/4 lb. 25c.; 85c. lb.

Improved Long Orange (Nichol's). Deep orange color, good flavor, yields heavily; is of excellent table quality, and is also the best for stock. Pkt. 5c.; 10c. oz.; 1/4 lb. 25c.; 75c. lb.; 5 lb. lots \$3.50.



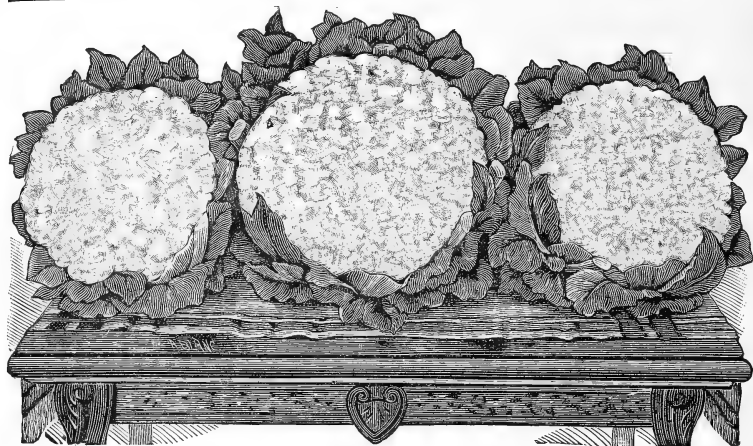
Rubicon Half Long Carrot

Guarande or Oxheart. A desirable variety on soils too hard and stiff for the longer growing sorts, as it is not over five or six inches long. The thickness often equals the length, thus making it really as large as the longer sorts. Pkt. 5c.; 10c. oz.; 1/4 lb. 25c.; 85c. lb.

Chantenay Half-Long. Resembles the Nantes; very productive. Pkt. 5c.; 10c. oz.; 1/4 lb. 25c.; 85c. lb.

Improved Long Orange (Nichol's). Deep orange color, good flavor, yields heavily; is of excellent table quality, and is also the best for stock. Pkt. 5c.; 10c. oz.; 1/4 lb. 25c.; 75c. lb.; 5 lb. lots \$3.50.

Michell's Fresh Tested Vegetable Seeds



Michell's Special Strain Selected Erfurt Cauliflower.

Remember

If you want something
choice in Cauliflower,
better than you have
had, sow our

**Snowstorm and
Selected Erfurt**

Our strain has taken
numerous
FIRST PRIZES

One Ounce Produces
About 1500 Plants.

CAULIFLOWER

Blumen-Kohl (Ger.). Chou-Fleur (Fr.).

Sow for early use about the middle of September or October, in a bed of rich earth, transplant in frames and cover with sashes and shutters during severe weather, giving them the light and air every mid day, or they may be had nearly as well by sowing the seed in a hotbed in January or February; when the plants are large enough transplant three inches apart in boxes or in other hotbeds until time to plant out; if hardened off, they are seldom injured by planting out as early as ground can be properly prepared, $\frac{2}{3}$ feet apart each way; keep well hoed, and bring earth gradually up to their stems, watering freely in dry weather, and especially when they begin to head.

Michell's Special Strain Selected Erfurt. One of the earliest in cultivation, small leaved dwarf, for forcing or open ground, producing very solid, pure white heads of the finest quality; ordinary seasons every plant will produce a marketable head. Pkt. 20c.; 75c. quarter oz.; oz. \$2.50; \$8.00 per $\frac{1}{4}$ lb.

Earliest Snowstorm. Earliest and best for forcing; dwarf, with short outer leaves, can be planted two feet apart each way; sure to make large fine heads; must be kept growing constantly, will not stand a check at any period of its growth. Pkt. 25c.; \$4.50 per quarter oz., per oz. \$5.00.

Early Snowball. A splendid early dwarf variety, producing magnificent white heads. Pkt. 20c.; 75c. per $\frac{1}{4}$ oz.; per oz. \$2.50; \$7.50 per $\frac{1}{4}$ lb.

Half Early Paris. A popular, white, sure heading variety, good for early or late use. Pkt. 20c.; 65c. oz.

Lenormand's Short Stem. A large, late short-stemmed variety, with well formed white heads. Pkt. 20c.; 65c. oz.

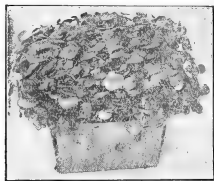
Veitch's Autumn Giant. One of the finest late varieties of robust habit, heads large, compact. Per pkt. 20c.; 65c. oz.

Sutton's First Crop. Per original pkt. 50c.

Algiers. One of the best late sorts; always produces a good head. 10c. per pkt.; per oz. 75c.

CAULIFLOWER PLANTS.

Spring plants, best varieties. Ready about April 21, 25c. per doz.; \$1.25 per 100. Wintered over Cauliflower plants, strong and healthy, 40c. per doz.; \$4.00 per 100.



Water Cress.

WATER-CRESS.

Brunnenkresse (Ger.). Cresson de Fontaine (Fr.).

The pleasant and peculiar flavor of the water-cress, and also the hygienic properties have caused it to be highly esteemed for table use. Its culture can be carried on anywhere where there is sufficient supply of fresh, pure water; it is not even necessary it should be running water; it can be renewed often enough to keep it clean and pure. It can be grown without water even, in tubs half filled with good soil and kept in a moist, shady position with an occasional watering.

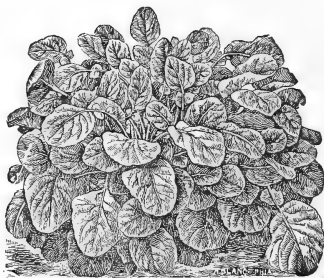
True Erfurt. Pkt. 10c.; 40c. oz.; lb. \$3.50.

Kresse (Ger.). **GARDEN CRESS.** Cresson (Fr.).

Sow thickly in early spring in drills one foot apart, and follow every two weeks with a new sowing as it quickly runs to seed. Water-cress should be sown along the margin of ditches, ponds, or better still, of slow running streams. It requires no care except to free it at first from weeds.

Extra Curled or Pepper Grass. Fine flavor, can be cut several times.

Upland Grass. Perennial, grown in the same manner as spinach; resembles water-cress in flavor. Pkt. 10c.; 10c. oz.



Curled Garden Cress or Pepper Grass.



Corn Salad.

Acker Salat (Ger.). **CORN SALAD.**

Mache (Fr.).

For early spring use sow the seed in September thickly in drills quarter inch deep. Protect with litter when cold weather comes and winter over like spinach. One ounce will sow over 35 feet of row.

Large Round-Leaved. Pkt. 5c.; 20c. oz.; $\frac{1}{4}$ lb. 20c.; 55c. lb.

CHICORY.

Large Rooted. Pkt. 5c.; 20c. oz.; $\frac{1}{4}$ lb. 25c.; 80c. lb.

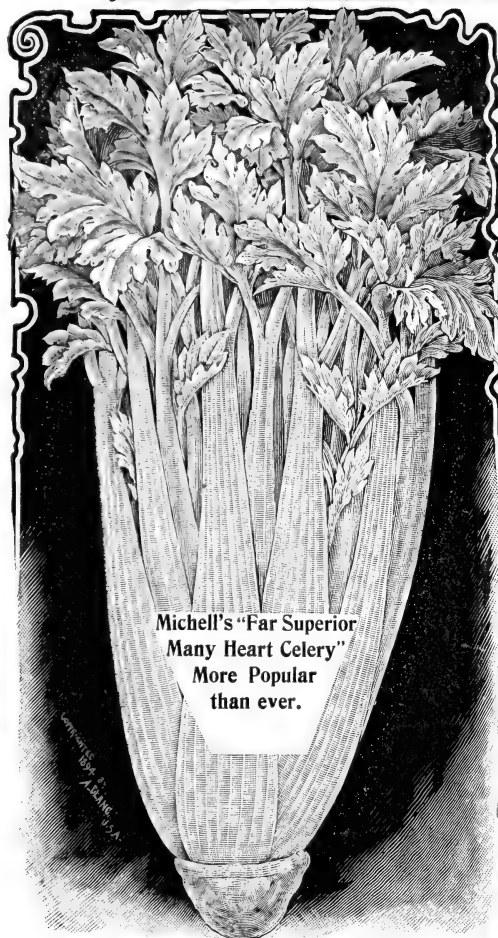
Gartenkerbel (Ger.). **CHERVIL.** Cerfeuil (Fr.).

Curled or Doubled. Pkt. 5c.; 25c. oz.; $\frac{1}{4}$ lb. 20c.

CARDON.

The midribs are the edible parts, desirable for soups or stews, after being blanched in the same manner as celery. Sow in April in drills one inch deep; when one year old transplant in trenches of well matured ground three feet apart and one foot in the rows. The roots remain from year to year. Is now much used as a border plant around large beds of canna and grasses. Pkt. 10c.; 40c. oz.

CHIVES. For seasoning. Strong plants, 20c. each; per doz. \$1.00; \$7.50 per 100.



Michell's "Far Superior
Many Heart Celery"
More Popular
than ever.

Michell's "Far Superior Many Heart."

WANTED

by every Celery Grower. You'll be disappointed next Winter if you have not sown it.

CELERY PLANTS.

All the leading sorts ready July 1st. Per 100, 40c., per 1000, \$3.00

Celery.

Sellerie (Ger.)

Celeri (Fr.)

One ounce of seed will produce about 2000 plants.

Sow the seed late in March, or early in April, on fine, well worked soil. Cover slightly, or better still, roll or press it. Shade the young plants for a week or ten days, and do not let the soil dry out. Cut them once or twice before setting out to make them stocky. When from four to six inches high transplant into broad shallow trenches or to level ground, setting dwarf sorts in rows three feet apart, and tall sorts four feet apart, six inches apart in the rows. To store for winter use select well drained ground, dig trenches one foot wide and deep enough to cover tops of plants. Pack stalks in this in an upright position, covering with boards to shed the water, and in severe weather protect with straw or leaves and celery paper. Michell's "Far Superior Many Heart." We can especially recommend this variety to every grower of celery; its quality is superior to most other varieties, an excellent keeper over winter and produces plenty of heart which is now the most important point in celery. Pkt. 10c., 30c. per oz., 85c. per ¼ lb., \$3.00 per lb.

Crawford's Half Dwarf. An old and always reliable variety, still in demand, good winter keeper. 10c. per pkt., per oz. 25c., 75c. per ¼ lb.

Perle Le Grand. Full golden heart, and rich nutty flavor, a good early celery, and a good winter keeper. Pkt. 10c., oz. 40c., ¼ lb. \$1.25, lb. \$4.00.

Large white Solid. (True). Pkt. 5c., oz. 25c., 75c. ¼ lb.

Improved Dwarf Golden Heart. Heart large and full, of a golden yellow, excellent for either market or private use; solid, of excellent flavor, and keeps well. Pkt. 5c., oz. 20c., lb. \$2.00.

Winter Queen. (Excellent). Very solid half dwarf, will keep fresh later than any other variety. 10c. pkt., 35c. per oz., \$1.00 per ¼ lb., \$3.50 per lb.

"Fin de Siecle." This is one of the very best varieties in cultivation, stalks thick and compact, very crisp and fine flavor. Pkt. 10c., oz. 35c., ¼ lb. \$1.00, \$3.50 per lb.

Cooper's Improved Cutting or Branching. The leaves are used as greens for flavoring soups. Plants are pulled when few inches high and bunched for market. Pkt. 10c., oz. 15c.

Giant Pascal. A superior keeping sort. The stalks are very large, thick, solid, crisp, and of a rich nutty flavor. Pkt. 5c., oz. 25c., ¼ lb. 75c., lb. \$2.50.

Boston Market. A short, bushy, white, solid, excellent flavored variety, constantly in demand. Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. \$2.50.

White Plume, Improved. (True Stock). The best for early use, crisp, solid, nutty flavor. Pkt. 10c., oz. 25c., lb. \$2.50.

Sutton's White Gem. Per original pkt. 40c.

Golden Self-Blanching. Compact, large, solid, crisp, and of a nutty flavor, with a rich golden heart. Pkt. 10c., oz. 30c., lb. \$3.50.

Self-Blanching Paris Pink. The very best pink variety yet introduced. Its quality is very highly praised by celery growers and has given universal satisfaction. Pkt. 15c., oz. 50c., ¼ lb. \$1.50.

Red Solid or Rose. Pkt. 5c., oz. 25c.

Henderson's "Pink Plume." Very solid and crisp, extra early and a long keeper. A self-blanching variety, and requires but a slight earthing-up or banking. Pkt. 10c., oz. 30c.

Heartwell Perfection. Pkt. 5c., oz. 20c., lb. \$2.00.

Celeriac or Turnip-Rooted. **Giant Prague.** The root cooked or sliced and used with vinegar, makes an excellent salad. Pkt. 5c., oz. 20c., lb. \$1.50.

Cucumber.

Gurke (Ger.)

Concombre (Fr.)

One ounce of seed will plant about fifty hills, or two ponds per acre.

For early use sow in hothouse on small sods overturned, or in small pots plunged in earth. As soon as danger from frost is over, transplant with sod, so as not to disturb the plants, into hills in the open ground. For general crop sow from about the first to the middle of May in rich, mellow, warm soil. Use a shovelful of well-rotted manure in each hill and cover it two inches deep with fine earth. On this sow the seed, about eight or ten seeds to a hill; cover one-half inch with earth and press down. When danger from bugs is past thin out to four plants to a hill. For pickles, plant from June to middle of July.

Livingston's Evergreen. Very hardy and probably the most prolific of all varieties. Very early, and the cucumbers retain their beautiful green color longer than any other sort. It is one of the very best varieties for slicing. Pkt. 5c., 15c. oz., ¼ lb. 35c., \$1.25 lb.

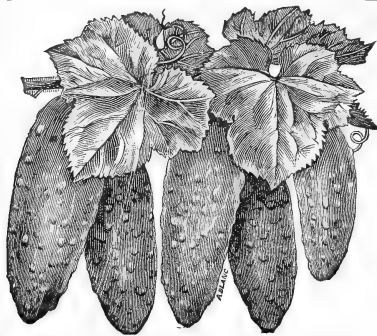
Early Russian. The earliest variety; the fruit is of small size and produced in pairs. Pkt. 5c., 15c. oz., ¼ lb. 35c.; \$1.25 lb.

Early Frame. A good old popular variety, of medium size. Pkt. 5c., 15c. oz., ¼ lb. 35c., \$1.25 lb.

[CUCUMBER continued on next page.]

PAPER FOR COVERING CELERY
\$1.00 PER ROLL OF 500 SQUARE FEET

Michell's Fresh Tested Vegetable Seeds



CUCUMBER—Continued

Livingston's Emerald. A new and most excellent rich green variety, either for outdoor culture or for growing under glass. Pkt. 10c, oz. 20c, doz. 40c, per 1/4 lb., \$1.50 lb.

Improved Early White-spined. The favorite market variety, largely used for forcing, and extensively grown South for shipping North early in the season; of medium large size, deep green, crisp, fine flavor, and very productive. Pkt. 5c, oz. 15c, 35c, per 1/4 lb., \$1.25 lb.

Everbearing. Pkt. 5c, oz. 15c, 35c, 1/4 lb., \$1.25 lb.

Tailby's Hybrid. A variety hybridized with the White-spined and English prize, retaining the beauty of the Long English and hardness of the White-spined; of large size and excellent for slicing; splendid forcing variety. Pkt. 5c, oz. 15c, 35c, per 1/4 lb., \$1.25 lb.

Jersey Pickle or Green Prolific. One of the best pickling varieties; dark green, tender, crisp, and great productiveness, of fine flavor and good for table use. Pkt. 5c, oz. 15c, 35c, per 1/4 lb., \$1.25 lb.

Long Green Turkey. The leading long green variety for pickling; of excellent quality and productiveness, fruit dark green, firm and crisp; can be gathered any size while young for pickles. Pkt. 5c, oz. 10c, 35c, per 1/4 lb., \$1.25 lb.

Small Gherkin or Burr. Also known as the West India or Jerusalem Pickle; used only for pickling while young and tender. Pkt. 5c, oz. 20c, 40c, per 1/4 lb., \$1.30 lb.

ENGLISH PRIZE FORCING CUCUMBER

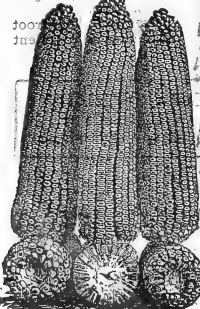
Sow the seeds in small pots about the middle of January; when they have grown to three leaves plant in a prepared hill of rich, loose soil in the centre of a sash.

We offer \$3.00 in Two Prizes for the best Three Hot-house Cucumbers exhibited at the Philadelphia Chrysanthemum Show in November, 1903.

	Per pkt.	Per pkt.	Per pkt.
Covent Garden ... 20c	Rochford's Market	Garden ... 25c	Tender and True ... 25c
Marquis of Lorne ... 20c	Telegraph ... 20c		Ideal ... 25c
Sion House ... 20c			

FIELD CORN.

size, qst.
-91 bus 7/30
-002 30, 100



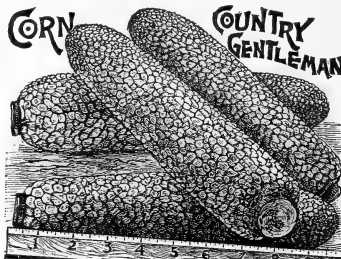
	Per quart.	Per peck.	Per bush.
Blount's Prolific White Ensilage	15c.	45c.	\$1.50
Chester County Mammoth	15c.	50c.	1.50
Cloud's Early Yellow Dent	15c.	50c.	1.50
Early Yellow Canada, or Flint	15c.	50c.	1.50
Golden Beauty Improved.	15c.	50c.	1.50
The best and most productive, having extra large, broad golden grains and good sized ears.	15c.	50c.	1.50
Hickory King, White Dent.	15c.	45c.	1.50
Leaming Early Dent.	15c.	45c.	1.50
Red Cob Ensilage	15c.	50c.	1.50
Shoetoot Southern Fodder.	15c.	50c.	1.50
Sweet or Sugar (Fodder).	15c.	50c.	1.75
The 100-day Bristol. The largest eared, earliest Yellow, low Dent corn in cultivation.	15c.	50c.	1.60

FOR FULL LIST OF FARM AND FIELD SEEDS SEE PAGE 29.

SWEET OR SUGAR CORN

Zuckerkorn (Ger.). One quart will plant 100 hills, 8 quarts to the acre.

Mails (Fr.).



Make the first planting about May 1st, and sow every two weeks thereafter until the middle of July for succession. Plant in hills from three to four feet apart, according to size and variety.

DON'T

Plant any Sugar Corn Seed unless it's grown in the Connecticut Valley. Ours is grown there exclusively. It's the only kind that you want, and it's always sweet and luscious.

Adam's Extra Early. The earliest variety for table use. Pkt. 5c, 15c, per qt., 4 qts. 50c, 80c, pk.

Black Mexican. Pkt. 5c, 20c, per qt., 4 qts. 65c, \$1.00 pk.

Country Gentleman. Will delight the most fastidious epicure; the ears are not only of good size, but are produced in great abundance. Pkt. 5c, 20c, per qt., 4 qts. 65c, \$1.00 pk.

Crosby's Extra Early. A favorite variety, very early, productive, ears rather short and of a rich sugary flavor. Pkt. 5c, 20c, per qt., 4 qts. 65c, \$1.00 pk.

Early Evergreen (New). Pkt. 5c, 20c, per qt., 4 qts. 70c, \$1.25 pk.

Early Mammoth. Pkt. 5c, 20c, per qt., 4 qts. 65c, \$1.00 pk.

Egyptian. A fine variety, resembling the Evergreen. Pkt. 5c, 20c, per qt., 4 qts. 65c, \$1.00 pk.

Honey Dew (Selected). Very luscious and sweet, one of the earliest. Pkt. 5c, 25c, per qt., 4 qts. 85c, \$1.40 pk.

Improved First of All. The very earliest sweet corn. Pkt. 5c, 20c, per qt., 4 qts. 65c, \$1.00 pk.

Kendel's Early Giant Sweet. We can especially recommend this extra early variety, as it produces a PERFECT good sized ear, which is of very sweet flavor. Pkt. 5c, 25c, per qt., 4 qts. 85c, \$1.40 pk.

Little Gem, or Shoe Peg. Pkt. 5c, 20c, per qt., 4 qts. 65c, \$1.00 pk.

Mammoth Sugar. The largest late sort, very productive. Pkt. 5c, 20c, per qt., 4 qts. 60c, \$1.00 pk.

Michell's Delicious. Unrivalled in flavor and sweetness. Pkt. 5c, 20c, per qt., 4 qts. 35c, \$1.10 per 4 qts.

New England, or Early Eight-rowed. Pkt. 5c, 20c, per qt., 4 qts. \$1.00 pk.

Roslyn Hybrid. A medium late variety; a large ear, very sweet. Pkt. 5c, 20c, per qt., 4 qts. 65c, \$1.00 pk.

Stabler's Extra Early. Of larger size than usual for the early kinds; fine flavor. Pkt. 5c, 20c, per qt., 4 qts. 65c, \$1.00 pk.

Stabler's Nonpareil. The second best early corn; large ears. Pkt. 5c, 20c, per qt., 4 qts. 65c, \$1.00 pk.

Stowell's Evergreen. One of the sweetest, remaining green longer than any other variety. Pkt. 5c, 20c, per qt., 4 qts. 60c, \$1.00 pk.

Triumph. Large ear (early). Pkt. 5c, 20c, per qt., 4 qts. 65c, \$1.00 pk.

Zigzag Evergreen. A very fine variety irregular grains on large ears. Pkt. 5c, 20c, per qt., 4 qts. 65c, \$1.00 pk.

SUGAR CORN ON EARS.

(SELECTED.)

- Country Gentleman.
- Crosby's Extra Early.
- Early Evergreen.
- First of All.
- Late Mammoth.
- Little Gem, or Shoe Peg.
- Roslyn Hybrid.
- Stowell's Evergreen.
- Kendel's Giant.

5c, per ear, 50c, per doz. ears, \$3.50 per 100 ears.

POP CORN.

Golden Queen. Lb. 10c, 3 lbs. 25c, 100 lbs. \$6.50.

White Rice. Lb. 10c, 3 lbs. 25c, 100 lbs. \$6.50.

Dandelion

The seed should be sown early in the spring in drills twelve inches apart, about one-quarter of an inch deep, thin out to six inches in the drills; the following spring it will be fit for use.

✓ **Thick-Leaved or Cabbaging.** This variety is double the size of the common. Pkt. 10c, oz. 40c., lb. \$4.00.

Endivien (Ger.) **Endive** Chicoree Endive (Fr.).

Sow one ounce for fifty feet.

For early use sow about the middle of April; but for the main crop in June or July in shallow drills; when two or three inches high transplant to one foot each way; when full grown blanch the inner leaves by tying up the outer ones at the top, but tie up only when the leaves are dry; keeps only a short time after blanching.

✓ **Improved Green Curled.** An improvement on the old Green Curled variety. Pkt. 5c, oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

✓ **White Curled (self-blanching).** This is the finest White Curled variety, grows to a large size, always crisp and very tender. Pkt. 5c, oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

✓ **Broad-Leaved Batavian.** Leaves broad, light green, nearly plain; used in stews and soups. Pkt. 5c, oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

✓ **Giant Fringed (Oyster Endive).** A strong growing variety with a large white heart and broad stems; good for fall and winter. Pkt. 5c, oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Knoblauch (Ger.) **Garlic Sets** Ail (Fr.).

Per lb. 30c.

Hop Vine Roots

Ready in April. Per doz. 50c., per 100 \$2.50.

Herbs

Anise Seed. Pkt. 5c., oz. 10c.

Borage. For bees. Pkt. 5c., oz. 15c.

Caraway. Perennial. Pkt. 5c., oz. 10c.

Coriander. Pkt. 5c., oz. 10c. [lb. 60c.

Dill. Pkt. 5c., oz. 10c., lb. 75c.

Fennel. Perennial. Pkt. 5c.

Hop. Perennial. Pkt. 10c.

Horehound. Perennial. Pkt. 5c.,

oz. 30c.

Lavender. Perennial. Pkt. 5c., oz. 20c.

Pot Marigold. Pkt. 5c.

Rosemary. Perennial. Pkt. 5c., oz. 30c.

Saffron. Pkt. 5c., oz. 15c.

Sage. Pkt. 5c., oz. 15c., lb. \$1.50.

Summer Savory. Pkt. 5c., oz. 15c.,

lb. \$2.00.

Sweet Basil. Pkt. 5c., oz. 20c., lb. \$2.00.

Sweet Marjoram. (Imported.) 5c.

per pkt., per oz. 20c, 60c per $\frac{1}{4}$ lb.

Thyme. Perennial. Pkt. 5c., oz. 30.

lb. \$3.50.

Wormwood. Perennial. Pkt. 5c.,

oz. 30c.



Horse Radish.

Horse Radish Roots

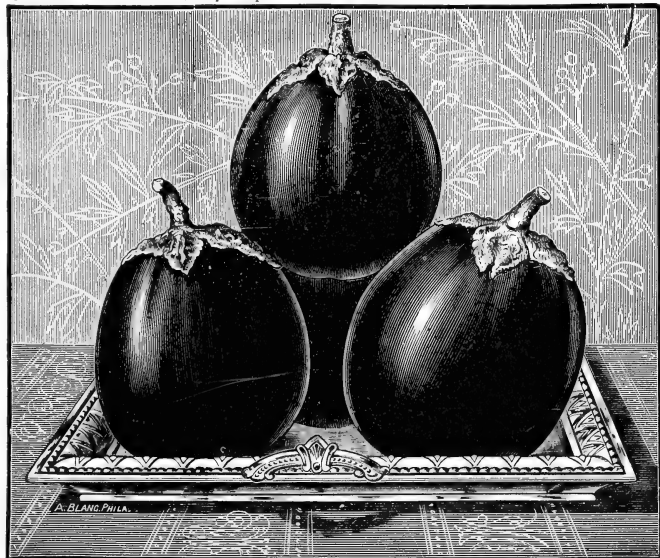
Extra strong roots will produce large size radish the first season,

Per doz. 15c., per 100 50c., per 1000 \$4.00.

Tarragon Roots. (Estragon.) Extra Strong roots. 20c. each

\$2.00 per doz.

Michell's Selected New York Improved



Michell's Selected Stock New York Improved Large Purple Egg Plant. (Grown by a Specialist in New Jersey.)

(Elerpflanze Ger.).

Egg Plant

Aubergine (Fr.).

ONE OUNCE OF SEED WILL PRODUCE ABOUT 1000 PLANTS

Sow the seed in a hotbed in March or April, when about three inches high pot the plants and plunge in earth; transplant in open ground in May or June according to the warmth of the season. Uniform heat is essential to this plant, and it rarely recovers from the least chill in its early growth. Set out according to richness of soil, two or three feet apart each way.

✓ **Michell's New York Improved Large Purple.** The leading variety; large, round, dark purple, most productive variety. Pkt. 10c.,

oz. 30c., $\frac{1}{4}$ lb. 75c. \$2.50 per lb.

✓ **Early Long Purple.** The earliest and hardiest, very productive.

Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.

✓ **Black Pekin.** Pkt. 10c., oz. 30c.

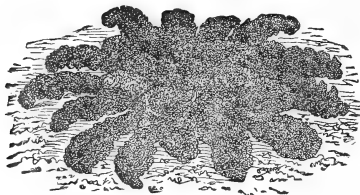
Egg Plants

Ready May 15th.

✓ **New York Improved.** True and pure. Pot grown per doz.

50c.; hotbed grown, per doz. 30c.; per 100, \$2.00.

Michell's Fresh Tested Vegetable Seeds



Winter Kohl (Ger.). **Kale or Borecole** Chou-Verts (Fr.).

They are more hardy than cabbage, and are improved by frost, but the time and manner of sowing, and the culture are identical with cabbage.

Dwarf Green Curled. Very hardy, leaves numerous, frilled and of excellent quality. Pkt. 5c.; 10c. oz.; $\frac{1}{4}$ lb. 25c.; 75c. lb.

New Imperial, or Long Standing. A beautiful curled and crimped sort, selected by a Philadelphia market gardener; of strong, vigorous habit, perfectly hardy, bright green color, and very attractive in appearance. It is superior to all other sorts, and will stand longer without shooting to seed than any other variety. Height about two feet. Pkt. 5c.; 10c. oz.; $\frac{1}{4}$ lb. 25c.; 75c. lb.

Tail Purple Scotch. Finely curled, one of the best sorts. Pkt. 5c.; 10c. oz.; $\frac{1}{4}$ lb. 30c.; \$1.00 lb.

Ober-Kohl-Rabi (Ger.). **Kohl-Rabi** Chou-Raves (Fr.).

For early use sow in hotbed, transplant and cultivate like early cabbage. For winter use sow the middle of June or first of July in rows, eighteen inches apart, thin out to eight inches in the row.

Early White Vienna. Pkt. 5c.; 25c. oz.; $\frac{1}{4}$ lb. 75c.; \$2.50 lb.

Early Purple Vienna. Pkt. 5c.; 25c. oz.; $\frac{1}{4}$ lb. 75c.; \$2.50 lb.

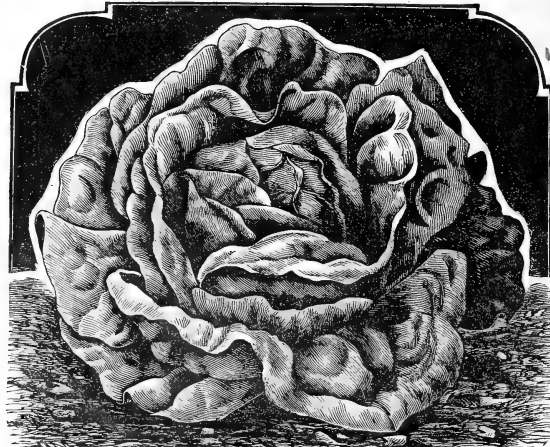
Martynia

Proboscidea. The seed pods are used to a considerable extent for pickling when gathered green and tender. Sow in the open ground in May, and transplant two feet apart. Pkt. 10c.; 30c. oz.; $\frac{1}{4}$ lb. \$1.00; \$3.00 lb.

Kopf-Salad (Ger.). **Lettuce** Laitu (Fr.).

One ounce for 150 feet of drill, or 1,000 plants.

Lettuce thrives best in rich, moist ground. For the principal early crop sow the seed in September in the open ground; transplant when large enough into cold frames, and protect the plants during the winter in the same manner as early cabbage; set the plants out early in April, or sow the seed in hotbeds in February or March, and transplant to a southern exposure. Always thin out well or the plants will not head. When wanted as a cut salad sow the seed thickly in rows or broadcast.



Michell's "All Right" Spring and Autumn Lettuce

You will miss the best Lettuce if you do not grow
"MICHELL'S ALL RIGHT"

Michell's "All Right" Spring and Autumn. Without doubt one of the very best smooth varieties. We recommend this variety for every garden. Produces solid large heads of excellent flavor. Pkt. 10c.; 25c. per oz.; per $\frac{1}{4}$ lb. 75c.; \$2.50 per lb.

Advancer. An extra early variety of recent introduction, forms large heads of fine quality, excellent for forcing. Pkt. 10c.; 30c. per oz.; $\frac{1}{4}$ lb. 75c.

Big Boston. A most valuable sort, either for forcing in cold frames or open ground planting, forming large solid heads. Pkt. 5c.; 25c. oz.; $\frac{1}{4}$ lb. 65c.; \$2.00 lb.

Black-Seeded Simpson. Produces a compact mass of leaves, nearly double the size of the ordinary Simpson, standing well the summer heat. Pkt. 5c.; 15c. oz.; $\frac{1}{4}$ lb. 40c.; \$1.25 lb.

Boston Market. White seed. Hardy and crisp; earliest heading variety; one of the best for forcing. Pkt. 5c. 15c. oz.; $\frac{1}{4}$ lb. 40c.; \$1.50 lb.

Dutch Butter Spotted. The old and always reliable variety, especially adapted for cold frames and hotbeds; produces a solid tender head. Pkt. 5c.; 20c. per oz.; per $\frac{1}{4}$ lb. 50c.; \$1.50 per lb.

Defiance. (Summer.) Pkt. 5c.; 15c. per oz.; per $\frac{1}{4}$ lb. 40c.

Deacon Improved. Excellent summer variety. Pkt. 5c.; 20c. per oz.; per $\frac{1}{4}$ lb. 50c.; \$1.50 per lb.

Denver Market Forcing. A very good curled sort, produces good size, solid heads. Pkt. 5c.; 15c. oz.; per $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Early Cabbage or White Butter. A favorite for sowing in the spring or fall, nearly hardy, requires only a slight protection; produces fine well-formed heads. Pkt. 5c.; 15c. oz.; $\frac{1}{4}$ lb. 40c.; \$1.25 lb.

Early Curled Simpson. Does not head, but forms a close, compact mass of leaves; very early, excellent for forcing. Pkt. 5c.; 15c. oz.; $\frac{1}{4}$ lb. 50c.; \$1.50 lb.

Early Tennisball. Black seed. Forms a close, hard head, the best forcing sort. Pkt. 5c.; 15c. oz.; $\frac{1}{4}$ lb. 40c.; \$1.25 lb.

Forcing Emperor (True). A medium size, compact-growing, very early variety; very crisp and tender and unequalled for forcing. Pkt. 5c.; 20c. oz.; $\frac{1}{4}$ lb. 50c.; \$1.60 lb.

Golden Queen. A very desirable early variety. Very crisp, tender and of fine quality. Pkt. 5c.; 15c. oz.; $\frac{1}{4}$ lb. 40c.; \$1.50 per lb.

Grand Rapids Forcing. An excellent variety, grown extensively, giving the best of satisfaction; does not produce a large head. Pkt. 5c.; 15c. oz.; $\frac{1}{4}$ lb. 40c.; \$1.25 per lb.

Giant Crystal Head. A cross between Hanson and Salamander, producing large, solid heads, quite early in the spring, in original pkts. only. Pkt. 10c.; 30c. per oz.

Hanson Improved Hard Head. A superior curled heading variety. Pkt. 5c.; 15c. oz.; $\frac{1}{4}$ lb. 40c.; \$1.25 per lb.

Iceberg. Fine head, curly and good flavor. Pkt. 5c.; 20c. oz.; $\frac{1}{4}$ lb. 50c.; \$1.50 per lb.

Romaine, Cos or Celery. Long, upright heads of leaves which are tied up and bleached to make them tender. Pkt. 5c.; 20c. oz.; $\frac{1}{4}$ lb. 50c.; \$1.50 lb.

Royal Cabbage Summer Drumhead. Pkt. 5c.; 15c. oz.; $\frac{1}{4}$ lb. 40c.; \$1.25 lb.

Salamander. Summer variety forming good-sized heads. Pkt. 5c.; 15c. oz.; $\frac{1}{4}$ lb. 40c.; \$1.50 lb.

Silesian. One of the best varieties for cutting. Pkt. 5c.; 15c. per oz.; per $\frac{1}{4}$ lb. 40c.; \$1.25 per lb.

Sensation. The very best for open ground, will stand the hottest summer. Beautiful light yellowish green color. Forms solid heads. Pkt. 5c.; 25c. oz.; $\frac{1}{4}$ lb. 75c.; \$2.00 lb.

Silver Ball Improved. Excellent for summer; also good for forcing; rich flavor. Pkt. 5c.; 20c. oz.; $\frac{1}{4}$ lb. 50c.; \$1.35 lb.

White Russian Summer. One of the best sorts to withstand the extreme heat. Pkt. 10c.; 30c. oz.; $\frac{1}{4}$ lb. 90c.; \$3.00 per lb.

Wonderful. The largest cabbage head lettuce, very tender and crisp, and has no bitter taste, stands the heat. Pkt. 5c.; 20c. oz.; $\frac{1}{4}$ lb. 60c.; \$2.00 lb.

LETTUCE PLANTS—Ready in April

Best heading varieties. Per 100 40c.; per 1,000 \$3.00



Large Musselburg Leek

Large Musselburgh. Of enormous size, leaves large and broad. Of very mild, pleasant flavor. Pkt. 5c.; 20c. oz.; $\frac{1}{4}$ lb. 40c.; \$1.50 lb.
Giant Carantan. Pkt. 5c.; 20c. oz.; $\frac{1}{4}$ lb. 40c.; \$1.50 lb.

LEEK

Lauch (Ger.).
 Foireau (Fr.).

One ounce to 100 feet.

Plant the seed in April, in drills one foot apart and one inch deep. When six or eight inches high, remove the plants to deep, rich soil, setting them in rows twelve to fifteen inches apart in the rows; plant as deep as possible, and during growth draw the earth to them to blanch stems. One ounce will produce about two thousand plants.

London Flag.

Hardy, large, strong plant, with broad leaves. Pkt. 5c.; 15c. oz.; $\frac{1}{4}$ lb. 40c.; \$1.25 lb.

WATER MELON

Wasser Melone (Ger.).
 Melon D'Eau (Fr.).
 One ounce to thirty hills; four pounds per acre.

In light soil, with hot sunny exposure, the water melon thrives best. Plant in hills eight to ten feet apart each way, and cultivate like musk melon. To secure the largest fruit, have but one or two melons to a vine.

Citron. For preserving only, small,

round, flesh white and solid with red seeds. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 75c.

Cuban Queen. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 70c.

Dark Icing. The flavor of this variety cannot be excelled. It is very solid, rind very thin. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 70c.

Dixie. A large variety, surpassing all others as a shipper, rind thin, ripening within one-quarter inch. Strong grower. Flesh of a rich scarlet; sweet and tender. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 70c.

Iron Clad. A large growing productive variety. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 70c.

Kolib Gem. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 65c.

Light Icing or Ice Rind. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 60c.

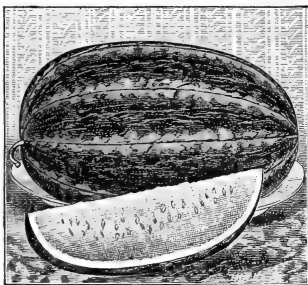
Mountain Sweet. Early, large, oblong, dark green, thin rind; flesh red, solid, rich and sweet. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 70c.

Pride of Georgia. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 60c.

Scaly Bark. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 60c.

Striped Gypsy or Rattlesnake. An early variety, large, oblong; skin green, mottled and striped. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 60c.

Sweet Heart. A handsome melon, early, oval, large and mottled. Flesh bright red, solid, very tender and luscious. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 75c.



"Sweet Heart" Water Melon.

MUSK MELON

(Cantaloupe)

Melone (Ger.).

Melon (Fr.).

One ounce for seventy-five hills; two and one-half pounds to the acre.

A rich, warm, sandy soil is the best for the musk melon. Plant the seed when the ground is warm. Plant from six to twelve seeds in hills six feet apart each way, and when danger from bugs is past, thin to three vigorous plants in a hill. When the shoots are a foot long pinch off the tips to make them branching and strengthen the vine. Thin out the fruit if it is excessive, the remaining melons will thereby increase in size and ripen earlier.

Be careful not to grow pumpkins, squashes or cucumbers near musk melons.



Rocky Ford Muskmelon

Casaba or Persian. Of extraordinary size, very delicious and fine flavor. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 70c.

Cosmopolitan. A good firm grower. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 70c.

Emerald Gem. Small, early, very luscious and sweet, salmon flesh. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 35c.; lb. \$1.25.

Ex. Ea. Cape May Netted. Flesh of best flavor. Productive and very early. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 75c.

Extra Early Hackensack. Large size, attractive appearance, excellent flavor. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.00.

Golden Jenny. A small early variety, good flavor. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. 80c.

Green Citron Netted. Medium size, deeply netted, nearly round, flesh thick and of a delicious flavor. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 60c.

Jenny Lind. The earliest variety, netted, of small, round size, excellent flavor. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 80c.

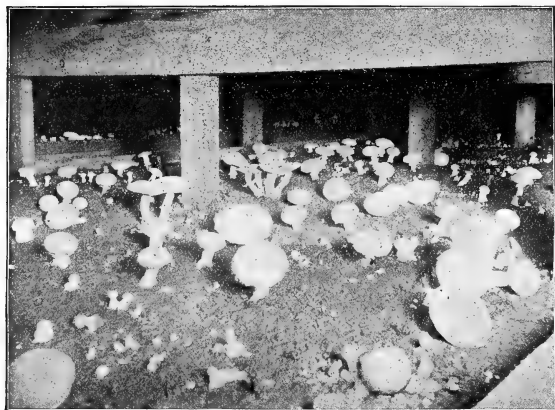
Montreal Market. Largest of the nutmeg varieties, uniform in shape, netted, flesh green, quality remarkably good. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 70c.

Netted Pineapple or Nutmeg. An excellent melon, of medium size. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 80c.

Paul Rose (New). Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 30c.; lb. 90c.

Rockyford. This is now the best Cantaloupe on the market, it is grown extensively in Colorado, and from there is shipped all over this country for different markets. It commands the highest price on account of its sweet flavor; medium size and finely netted. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.00

OUR MUSKMELON SEED is selected only from the very sweetest fruits; you'll be pleased with the quality.



Michell's Mushroom Spawn

"Michell's Always Reliable" English Milltrack. Strictly fresh and reliable. We supply a number of the leading and largest growers of Mushrooms with our Superior Spawn, and we have received a large number of testimonials of its high quality. 15c. per brick, \$1.60 per doz. bricks, 25 lbs. for \$2.50, \$8.00 per 100 lbs. Special price for larger quantities. (Directions for growing free).

WM. FALCONER'S Book on MUSHROOM CULTURE, Price \$1.00.

ROBINSON'S Book on MUSHROOM CULTURE, Price 50 cents.

DID IT ever occur to you why you did not get any Mushrooms from the spawn you planted? **Quality and freshness are the main points. Our Spawn contains both.**

MUSTARD

Senf (Ger.) Moutarde (Fr.)
White or Yellow. For salads and flavoring purposes. Oz. 5c., lb. 30c.

NASTURTIUM

Kresse, Indianische (Ger.) Capucine Grande (Fr.)

The seed pods, which resemble cupers, are gathered while green and tender for pickling, and the leaves are used for mixing with salads. Sow early in spring in drills about one inch deep, in light, rich soil, when all danger of frost is over.

Tall. The most profitable pickling variety. Pkt. 5c., oz. 15c., ¼ lb. 35c., lb. \$1.00.

Dwarf. Beautiful colors, mixed. Pkt. 5c., oz. 15c., ¼ lb. 40c., lb. \$1.25.



Improved Dwarf
Green Okra

Okra or Gumbo

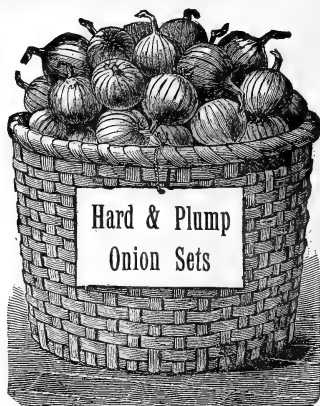
Esbarre Hibiscus (Ger.)
Gombaud (Fr.)

One ounce to 20 feet; one pound to 300 feet.

Sow in May, in hills or drills, three feet apart. If in hills thin out to three plants; if in drills, to ten inches apart in the drills. Seed thickly and cover one inch deep. The young green seed pods are used for soups or like asparagus.

Improved Dwarf Green. The most desirable sort, very productive, bears long pods which remain tender a long time and are free from hard ridges. Pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 60c.

White Velvet or Creole. Pkt. 5c., oz. 10c., lb. 60c.



Onion Sets

Subject to Market Changes.

	Pint	Quart	4 Quarts	Peck	Bush.
YELLOW	\$0 10	\$0 15	\$0 50	\$0 90	\$2 75
WHITE .....	.10	.30	.70	1.25	4.00
POTATO ONION .....	.15	.25	.75	1.25	4.00
SHALLOTS .....	.15	.25	.85	1.50	5.00
TREE OR TOP .....	.10	.20	.60	1.00	3.00
GARLIC SETS. 25c. per lb.; 10 lbs for \$4.00.					

Ready
March 1st.

Onion

Zwieble (Ger.) Oignon (Fr.)

One ounce for 100 feet of row; for sets 50 lbs. to the acre.

For sets, sow the seeds as early as possible, in the spring, very thickly, in drills. As soon as the tops die off in summer, remove them to a dry, airy place; and early in the following spring, replant them by placing sets in shallow drills twelve inches apart and about four inches apart in the drills. They may also be grown to full size during the first season by sowing thinly in drills one foot apart and about one-fourth of an inch deep, in March or early in April, well manured, and thinning them out to stand three or four inches apart in the drills. They delight in a strong, rich, deep, loamy soil, and succeed well if grown successive years on the same ground.



Bermuda Large White. The earliest. Pkt. 10c., oz. 30c., ¼ lb. \$1.00, lb. \$3.00.

Bermuda Large Red. (Extra early). Pkt. 10c., oz. 30c., ¼ lb. \$1.00, \$3.00 per lb.

Extra Early Red. Pkt. 5c., oz. 15c., lb. \$1.50.

White or Silver Skin. A mild-flavored early variety, extensively grown for pickling. Pkt. 5c., oz. 25c., ¼ lb. 75c., lb. \$2.50.

Yellow Danvers. An excellent early oval, straw colored variety, of mild flavor, productive and a good keeper. Pkt. 5c., oz. 15c., ¼ lb. 45c., lb. \$1.35.

Prize Taker Mammoth Yellow. Large round, rapid grower; attains full size in one season. Pkt. 10c., oz. 20c., lb. \$1.75.

Yellow Strasburg or Dutch. A good keeper; somewhat flattened shape. Pkt. 5c., oz. 15c., ¼ lb. 45c., lb. \$1.35.

Large Red Wethersfield. Grows to full size the first season from seed, almost round, large size, deep red color, and keeps well. Pkt. 5c., oz. 15c., ¼ lb. 45c., lb. \$1.35.

Southport Yellow Globe. Pkt. 5c., oz. 20c., ¼ lb. 45c., lb. \$1.50.

Southport White Globe. Pkt. 10c., oz. 30c., lb. \$3.00.

Southport Red Globe. Pkt. 10c., oz. 20c., lb. \$2.00.

White Barletta. Extra early. Pkt. 5c., oz. 20c., ¼ lb. 75c., lb. \$2.50.

ONION CULTURE, by a Practical Grower, 20c. per copy.

Parsley

Petersille (Ger.). Persil (Fr.).

One ounce sows about 100 feet of drill.

Seed germinates very slowly, plants sometimes not appearing for three or four weeks; soak seed a few hours in lukewarm water before sowing.

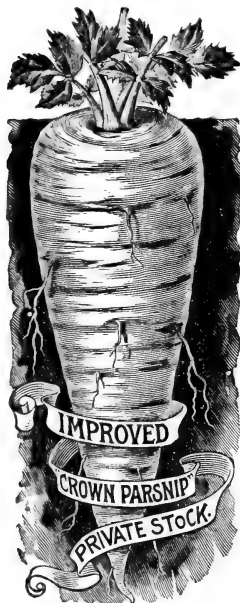
✓ **Double Curled Covent Garden.** Finely curled dwarf. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. 90c.

✓ **Extra Curled Perpetual.** Leaves tender, crimped and very curly; excellent for garnishing. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. 85c.

✓ **Fern Leaved.** Valuable for garnishing. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 90c.

✓ **New Perfection Curled.** 10c. per pkt. **Sutton's Garnishing.** 25c. per pkt.

✓ **Champion Moss Curled.** Beautifully crimped and curled. It can be cut the year round, rarely runs to seed. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 90c.



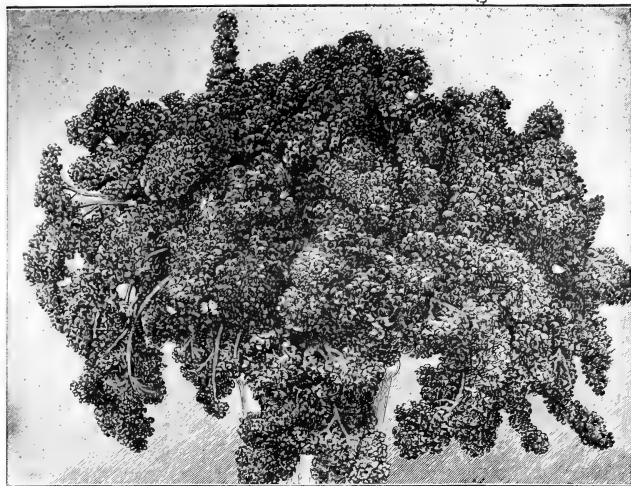
Parsnip

Pastinake (Ger.). Panais (Fr.).

One ounce to 150 feet; five pounds to the acre.

Sow early in spring in drills fifteen inches apart and one-half inch deep; when plants are two or three inches high, thin out to six inches in the rows, cultivate often until the leaves cover the ground. These roots are improved by frost, and can be left in the ground over winter.

✓ **Improved Sugar or Hollow Corn.** Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c. **Guernsey or Student.** Half long and thick. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.



Covent Garden Curled Parsley.

Pfeffer (Ger.).

Pepper

Piment (Fr.).

One ounce will produce about 100 plants.

Sow in hotbed in April, and transplant the plants to open ground in warm, settled weather to rows two feet apart and eighteen inches in the rows, or when all danger of frost is past, sow at once in the open ground and thin to the same distance as above. Any rich fertilizer, if applied and stirred into the soil when the plants are six inches high, will be found of great benefit.

✓ **Large Sweet Bell or Bull Nose.** Large variety, mild, rind thick, fleshy; best for pickling and pepper sauce, or filled as mangoes. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 65c., lb. \$2.00.

✓ **Large Sweet Spanish.** Pkt. 5c., oz. 25c. 75c. per $\frac{1}{4}$ lb.



Sweet Bell or Bull Nose Pepper.

✓ **Golden Dawn.** Beautiful golden yellow, quite sweet, without any fiery taste; very productive. Pkt. 5c., oz. 25c. 75c. per $\frac{1}{4}$ lb.

✓ **Cayenne Long Red.** Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

✓ **Ruby King.** Bright scarlet, large productive sort. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

✓ **Celestial.** Pkt. 5c., oz. 25c.

✓ **Coral Gem.** Pkt. 10c., oz. 40c.

✓ **Red Cherry.** Pkt. 5c., oz. 25c.

✓ **Small Chili.** Very hot; used for seasoning and for pepper sauce. Pkt. 5c., oz. 25c.

Pepper Plants.

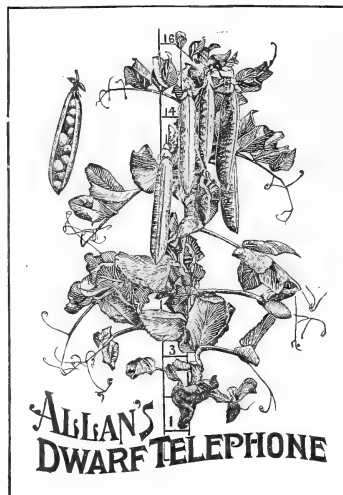
Ready May 15th.

Large Sweet Bell and Red Cayenne.

Dozen, 20c.; 100, \$1.25.

Our Evergreen Grass Seed

Sown on your Lawn
will bring results that will
surprise you.



Erbson (Ger.)

PEAS

Pois (Fr.)

ONE QUART TO 100 FEET OF ROW.

PEAS succeed best in light, dry, loamy soil. Early and dwarf sorts require richer soil than the late varieties. If manure is used, let it be old and well rotted, or there will be a rank growth of vines with few pods. Sow the early, smooth, round sorts as early in the spring as the ground can be worked. Seeds of wrinkled varieties are more liable to rot if the ground is cold, and must be planted later. Sow seeds in single rows, three feet apart, for dwarf sorts, and four for tall sorts, or in double drills, six to eight inches apart, one inch apart in the drill, and not less than four inches deep, for late sorts seven to eight inches deep. Deep planting prevents mildew.

...NOTICE...

If wanted by mail add to list price for postage 5 cts.
per pkt.; 8 cts. per pint.; per quart 15 cts.

EXTRA EARLY SORTS.

	Pkt.	PRICES:			Peck
	\$o 10	Qt. \$o 50	4 Qts. \$1 75	\$3 00	
✓ Michell's Special Extra Early (New). See Novelties for description					
✓ Dandy Extra Early (Michell's). Selected from first crop of Eurekas and are the best extra early pea in the market. Height 20 inches	5	30	1 10	1 75	
✓ Alaska Extra Early. Exceedingly desirable. Height 2 feet	5	30	1 00	1 80	
✓ American Wonder. Height 12 inches. The earliest wrinkled variety in cultivation of dwarf and robust habit. Will mature in 33 days from time of planting	10	35	1 20	2 00	
✓ Blue Beauty. Height 18 inches. Compact, and bears a profusion of excellent peas	5	30	1 00	1 60	
✓ Early June. A most excellent very early variety. Height 20 inches	5	30	1 00	1 80	
✓ Eureka Extra Early. Earliest, most prolific variety. Height 20 inches	5	30	1 00	1 80	
✓ Gradus. Height 12 inches. Considered to be better than all others	10	60	2 25	4 00	
✓ Improved Daniel O'Rourke. Height 2 feet. A valuable sort	5	30	1 00	1 75	
✓ McLean's Little Gem. Height 12 inches. First early, green-wrinkled variety	10	30	1 00	1 85	
✓ Nott's Excelsior. Height 15 inches. Pods are very large, each containing from 6 to 8 large peas	10	35	1 25	2 00	
✓ Premium Gem. Height 18 inches. A fine, wrinkled variety	10	30	1 00	1 85	

SECOND EARLY VARIETIES.

✓ Bliss' Abundance. Height 18 inches. Ripens about one week after the earliest kind	5	30	1 00	1 75	
✓ Daisy. Height 2½ feet. Sweet and prolific. Very desirable	10	35	1 20	2 00	
✓ Dwarf Telephone. Height 12 inches	10	40	1 25	2 00	
✓ Heroine. Height 2 feet. One of the grandest	5	30	1 00	1 60	
✓ Horsford's Market Garden. Height 3½ feet. A prolific pea for summer crop	5	25	85	1 50	
✓ Long Island Flammoth. Height 3½ feet. Earlier than Champion of England	5	25	85	1 50	
✓ McLean's Advancer. Height 2 feet. A fine variety	5	25	85	1 50	
✓ Pride of the Market. Height 18 inches. Very productive	5	30	1 00	1 80	
✓ Shropshire Hero. Height 2½ feet. A desirable wrinkled variety	5	30	1 00	1 80	

GENERAL AND LATER VARIETIES.

✓ Black-eyed Marrowfat. Height 4 feet. Extensively grown	5	20	60	1 00	
✓ Blue Imperial. Height 3 feet. A favorite summer variety	5	25	80	1 50	
✓ Champion of England. Height 5 feet. One of the best and most popular wrinkled varieties in cultivation; of delicious flavor	5	25	75	1 35	
✓ Duke of York. Height 4 feet. Highly recommended	5	30	1 00	1 75	
✓ Dwarf Sugar (edible pod). Height 2 feet	10	40	1 35	2 50	
✓ Everbearing. Height 2 feet. A good pea for summer and autumn use	5	25	85	1 60	
✓ Fillbasket. Height 18 inches. Large, prolific, pods long	5	30	1 00	1 75	
✓ Improved Stratagem. Height 2½ feet. Wrinkled marrow, large size peas of excellent quality	5	25	85	1 60	
✓ Juno. Height 4 feet. One of the best of the late wrinkled peas	5	30	1 00	1 75	
✓ Melting Sugar. Height 5½ feet. A prolific variety	10	40	1 35	2 50	
✓ Royal White Marrowfat. Height 2 feet. A favorite late variety	5	20	65	1 00	
✓ Telephone. Height 4 feet. Immensely productive, of the finest flavor	5	30	1 00	1 80	
✓ Yorkshire Hero. Height 2½ feet. A splendid wrinkled marrow	5	25	85	1 60	

PRACTICAL PEA CULTURE (gratis) included in all orders for one or more quarts if mentioned on the order sheet.

Kartoffel (Ger.).
Pomme de Terre (Fr.).

POTATOES.

PLANT TEN BUSHES TO THE ACRE

The soil best suited to the potato is a rich, sandy loam; being a gross feeder, it requires a liberal application of manure; if stable manure is to be used it should be well rotted and not allowed to come in contact with the tubers. On no other crop are the results from the use of phosphates so manifest as on the potato; almost invariably the tubers are brighter, smoother and freer from rust and the destructive influence of wire worms. The best fertilizers are plaster, lime, super-phosphate of lime, and bone dust, for heavy and wet soils especially, as they promote growth, and at the same time, prevent disease. Plant as early in spring as the ground can be thoroughly worked, in rows three feet apart and one foot in the rows.

NOTICE.—Our Seed Potatoes are all NORTHERN GROWN.

Mitchell's Extra Early "Beats Them All" Without doubt the finest Extra Early Potato now on the Market.

See Novelty pages for description.

75c. per pk.; per bu. \$2.00; \$5.00 per bbl.

Early Rose (Maine). A leading variety for earliness, quality and productiveness. Pk. 50c.; bush. \$1.50; bbl. \$4.00.

Early Rose (Michigan grown). Pk. 50c.; bush. \$1.40; bbl. \$3.50.

Early Ohio. A seedling of the Early Rose, ripens about a week earlier, excellent quality. Pk. 50c.; bush. \$1.50; bbl. \$4.00.

Irish Cobbler. A good medium size, extra early variety. Pk. 60c.; bush. \$1.75; bbl. \$4.50.

Beauty of Hebron. A little earlier than Early Rose, very productive, a good keeper. Pk. 50c.; bush. \$1.40; bbl. \$3.50.

State of Maine. Medium early, good keeper. Pk. 50c.; bush. \$1.40; bbl. \$3.50.

Rural New Yorker, No. 2. A valuable variety of large size, very smooth and a great cropper; in quality unexcelled. Pk. 50c.; bush. \$1.40; bbl. \$3.50.

Burbank's Seeding. A medium early variety, producing a large crop. Pk. 50c.; bush. \$1.40; bbl. \$3.50.

Mammoth Pearl. Medium late, free from rot, never hollow; skin and flesh white, cooks like a ball of flour; very productive and good keeper. Pk. 50c.; bush. \$1.40; bbl. \$3.50.

Carman, No. 3. One of the very best late varieties, a heavy yielder and of excellent quality. Pk. 50c.; bush. \$1.40; bbl. \$3.50.

White Star. Baked or boiled, its color, floury texture and delicious flavor are unsurpassed; excellent keeping quality. Pk. 50c.; bush. \$1.40; bbl. \$3.50.

Irish Daisy. One of the best new late or main crop potatoes yet sent out. Pk. 60c.; bush. \$1.60; bbl. \$4.00.

Prices of Potatoes vary during the season. Write for our prices if you are a large buyer before placing your order elsewhere.

Advantages of Changing Seed Potatoes.

There is no other crop that we raise that is so much benefited by the introduction of fresh seed from time to time as the potato, provided the change is to a well-selected stock, and the further north it is grown, the better. They yield nearly double the crop on the same land.

Sweet Potatoes.

Vineland Bush Sweet Potatoes. (Vineless.) Yellow, dry, and most excellent quality. By mail, 3 lbs. for 45c.; 75c. per pk.; \$2.00 per bu.; \$5.00 per bbl.

Yellow Nansemond. A thick variety, very productive, and the best for general culture. Pk. 60c.; bush. \$2.00; bbl. \$4.00.

SWEET POTATO PLANTS.

Ready May 10th.

Yellow Nansemond. 100, 30c.; 1000, \$1.75; lots of 5000, \$1.50 per 1000.

Vineland Bush Sweet Potato Plants. (Vineless.) 35c. per 100; \$2.25 per 1000. Special prices on larger quantities.

CONCAVE POTATO KNIFE.

For cutting seed potatoes. This is undoubtedly the best knife for the purpose. Cut a thin slice from centre of potato, hold up to light and see feeders as in small cut.

25 cents each,
postpaid.



Kurbis (Ger.)

Pumpkin

Potiron (Fr.).

One ounce to fifty hills. Three pounds to the acre

Sow in good soil in May, when ground has become warm, in hills eight to ten feet apart each way, or in field corn about every fourth hill; plant at same time with corn, always avoid planting near other vines, as it will hybridize.

Cashaw. Long yellow crook neck, the best for table use or feeding stock; flesh yellow, solid, fine grained and sweet. Pkt. 5c., oz. 10c., lb. 65c.

Large Cheese. One of the best for table use, skin orange, flesh yellow and sweet. Pkt. 5c., oz. 10c., lb. 65c.

Large Tours or Mammoth. Grows to immense size, often weighing over one hundred pounds. Pkt. 5c., oz. 10c., lb. 75c.

Connecticut or Large Common Yellow Field. Grown principally for feeding stock. Oz. 5c., qt. 20c., bush. \$4.00.

True Tennessee Sweet Potato. A splendid pie and cooking pumpkin. Pkt. 5c., oz. 10c., 1/4 lb. 25c.; lb. 75c.



RADISH

Radieschen (Ger.).

Radis (Fr.).

One ounce to seventy-five feet of row.

Radishes delight in light, rich, mellow soil, and to be crisp and tender, must make rapid growth. For very early use sow in a hotbed in January, and continue sowing every two weeks until September, choosing the varieties suited to the season; sowings should be made in drills ten inches apart, and the plants should be thinned to two inches apart in the row. Sow winter radishes in July and take up before severe frosts and store in sand or earth in a cool cellar.

Early Sorts

Brightest Scarlet, Half Long. Entirely distinct, being a vivid scarlet color, tipped with snow-white. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 75c.

Cardinal or Scarlet Globe. The very best forcing variety, is of globular shape and brilliant cardinal red color. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.00.

Early Frame Scarlet. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 75c.

Early French Breakfast. Oblong shape, rapid growth, very mild and tender, of a beautiful scarlet color, tipped with white. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 75c.

Extra Early Olive Shaped White Forcing. Pkt. 5c.; 15c. per oz.; per $\frac{1}{4}$ lb. 30c.; \$1.00 per lb.

Fireball. Brilliant scarlet color, crisp, tender, of mild flavor; useful only as a forcing variety or for early spring use. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 75c.

Icicle. A magnificent new white variety of fine taste, grows $3\frac{1}{2}$ to 4 inches long in 23 days. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.50.

Long Scarlet Short Top or Salmon. The standard variety; long bright scarlet with small top. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 70c.

Round Red Forcing or Button. Pkt. 5c.; oz. 10c.; per oz.; per $\frac{1}{4}$ lb. 25c.; 75c. per lb.

Round White Forcing. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 75c.

White Box, Philadelphia Grown. Perfectly round, smooth skin, pure white. Pkt. 5c.; 10c. per oz.; per $\frac{1}{4}$ lb. 25c.; 70c. per lb.

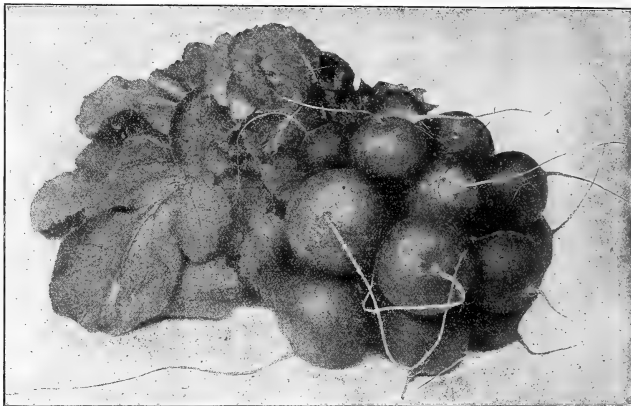
Felton's White Box (Private stock). A selection of the old reliable White Box radish, more perfect form, producing shorter tops, and does not have a tendency to grow long in shape. Per pkt. 5c.; per oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.15.

Summer Sorts

Beckert's Chartier. Color bright salmon scarlet, shading to white as it approaches maturity; it is very crisp, tender, and of mild and pleasant flavor. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 70c.

Cincinnati Long Scarlet. A most desirable variety either for the home garden or for market purposes, excellent quality, remains in a crisp condition for a long time. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 65c.

Golden Globe, Dresden (Fine). Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 75c.



Mitchell's Private Stock Cardinal Globe Radish

SUMMER SORTS—Continued

Large White Summer Turnip. Large, turnip-shaped, white, crisp and mild. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 70c.

Large Yellow Summer Turnip. Like the above except in color. Pkt. 5c. oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 60c.

Long White Lady Finger. A fine white, crisp and mild variety. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 70c.

White Delicacy (New). Oblong shape, excellent quality. Pkt. 5c.; oz. 10c.; lb. \$1.00.

White Strasburg. Oblong of a pure white color, and mild flavor. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 70c.

Winter Varieties

California White Winter. Long. Pkt. 5c.; oz. 10c.; lb. 75c.

Half Long Black Winter Radish. A great improvement on the old long Spanish Radish of perfect form and excellent flavor. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.00.

Long Black Spanish Winter. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 60c.

Round Black Spanish Winter. Like the above, except form. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 60c.

Round Scarlet China. Pkt. 5c.; oz. 15c.; $\frac{1}{4}$ lb. 35c.; lb. \$1.25.

Scarlet China Winter ($\frac{1}{2}$ long). Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 20c.; lb. 75c.

RHUBARB

Rhabarber (Ger.).

Rhubarbe (Fr.).

Linnaeus. Well-known market variety; early. Pkt. 5c.; 15c. oz.; $\frac{1}{4}$ lb. 45c.; lb. \$1.50.

Victoria. Pkt. 5c.; 15c. oz.; $\frac{1}{4}$ lb. 45c.; lb. \$1.50.

RHUBARB ROOTS.

Set in spring and they will furnish leaf stalks the following season. We offer the largest and best variety.

Victoria. Clumps. Each 10c.; doz. \$1.00; 100 \$6.00.

Kurbis (Ger.).

SQUASH

Courge (Fr.).

One ounce to fifty hills

Squashes should be planted in a warm, light, rich soil, about the middle of May or June. Plant in well manured hills, in the same manner as cucumbers and melons—the bush varieties three or four feet apart each way, and the running kind six to eight feet. Eight to ten seeds should be sown in each hill, thinning out after danger from bugs is over, leave three or four of strongest plants to a hill.

Early Sorts

Early White Bush or Patty Pan. The best early variety; grows to a large size and bears an abundant crop. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.00.

Golden Custard. Of similar size and shape to the White Bush, but of rich golden yellow color and fine flavor. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.00.

Yellow Crook Neck. Early productive, and of good quality; skin orange-yellow. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. 85c.

Summer and Fall Sorts

Boston Marrow. About ten days later than the bush varieties; a good keeper, of excellent flavor, flesh orange colored and fine grained. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.00.

Butman. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 80c.

Fordhook. A new winter squash of great merit; of a handsome, bright yellow color. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 85c.

Green Crook Neck Winter. One of the best winter sorts. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 85c.

Hubbard. A general favorite, and one of the best late table varieties; of large size, flesh fine grained, dry and of excellent flavor. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.00.

Sweet Nut. Medium size, flesh rich and very sweet; enormously productive and valuable both as a summer and a winter squash. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 25c.; lb. 85c.

Turban. Flesh very thick, rich color and solid. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. 75c.

Vegetable Marrow. Pkt. 5c.; oz. 10c.; $\frac{1}{4}$ lb. 30c.; lb. \$1.00.



Early White Bush or Patty Pan Squash



Salsify

Haferwursel (Ger.) Salsifis (Fr.).
(OYSTER PLANT)

One ounce of seed will sow about fifty feet of drill.

Sow in early Spring in drills fifteen inches apart and one to two inches deep, thin to six inches apart. Soil should be very deep and mellow in order that the root may grow straight down. Store same as carrots for winter use, or they can be left in the ground until spring.

Mammoth Sandwich Island. This variety is of enormous size, twice as large as the ordinary French; pure white, very tender and delicious. Pkt. 5c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

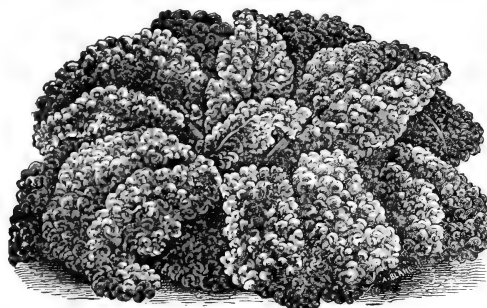
Long White. The favorite market variety, and best flavored. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00.

Sage

Holt's Mammoth. Strong roots. Each 10c., doz. \$1.00, 100, \$5.00.

Sorrel

Sandwich Island Salsify Broad Leaf French. Pkt. 5c., oz. 15c.



Bloomsdale Savoy Spinach.

(Spinat (Ger.).

Spinach

Epinaud (Fr.).

One ounce to 75 feet of drill, or at rate of ten pounds per acre.

Select very rich, well-drained soil, and sow in drills one foot apart and one inch deep. For spring and summer use, make the first sowing early in March, and continue at intervals of two or three weeks until the middle of July. Sow in August and September for winter or early spring use, and protect with a covering of straw during severe weather.

Victoria Long Standing (New). This thick variety is distinguished by the exceedingly dark green color, and also for its long-standing qualities. Pkt. 5c., oz. 10c., 15c. per $\frac{1}{4}$ lb., lb. 35c.

Bloomsdale Round-Seeded Savoy. The hardest large Savoy leaved; curled and crimped, with thick, fleshy leaves; the best for family and market purposes, and the best of all sorts for fall sowing. 5c. per pkt., 10c. per oz., 15c. per $\frac{1}{4}$ lb., per lb. 35c.

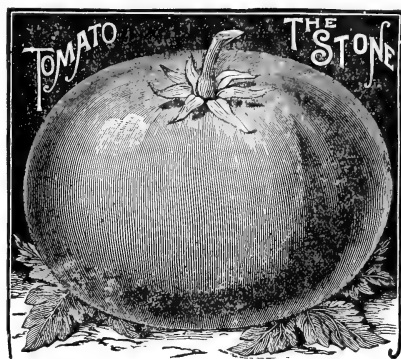
Long Standing Round-Seeded. Will stand two weeks longer than any other sort before shooting to seed. The best for spring sowing. Pkt. 5c., 10c. per oz., per $\frac{1}{4}$ lb. 15c., 35c. per lb.

Prickly-Seeded, or Fall. The hardest variety. Oz., 10c., lb. 35c.

New Zealand. This variety endures heat and draught; excellent for summer use; produces a large quantity of leaves throughout the season and can be cut from continuously. Pkt. 5c., 10c., $\frac{1}{4}$ lb. 30c., lb. 90c.

TOMATO PLANTS—Ready May 15th

Paragon, Selected Trophy, Beauty, Imperial, Mikado, Livingston's Stone Transplanted plants, doz. 20c., 100 \$1.00, 1000 \$8.00; not transplanted, 1000 \$5.00.



Tomatoes

Liebes Apfel (Ger.).

Tomate (Fr.).

One ounce will produce about one thousand plants.

Sow the seed in March or April in the hotbed, or in a box in a sunny place in the house. To make very healthy, stocky plants, they may be transplanted when about two or three inches high. When five or six inches high, if the ground has become warm, transplant to the open ground. Set plants four feet apart.

Acme (Pink). Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c.

Atlantic Prize. One of the earliest of all varieties. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c.

Beauty. Crimson, with a pinkish tinge, grows in clusters, large size; very smooth and solid. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Dwarf Champion. Early and distinct, of compact growth. Pkt. 5c., 25c. oz., $\frac{1}{4}$ lb. 65c.

Royal Red (New). Large size, perfect round shape, vivid red color, very solid, large cropper. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Imperial (New). Earliest and best tomato in existence. Color bright red, very solid and smooth. Pkt. 10c., oz. 30c., 75c. $\frac{1}{4}$ lb.

Livingston's Favorite. Ripens evenly and early; very prolific, round flavor, few seeds, flesh solid. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Livingston's Perfection. Early, deep red in color, with few seeds. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Lorillard. Excellent variety for forcing. Pkt. 10c., 30c. per oz.

Magnum (New). Extra fine variety. Either for garden or for forcing. Pkt. 10c., 30c. per oz., $\frac{1}{4}$ lb. \$1.00.

Matchless. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Mayflower. One of the earliest, highly recommended for forcing, of a bright red color. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 65c.

Paragon Selected. Early; a heavy bearer and produces fruit until killed by frost. Pkt. 5c., oz. 20c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Ponderosa. The largest tomato in existence. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00.

Red Cherry. Used for preserving. Pkt. 5c., oz. 25c.

Red Mikado. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.

Stone. Fruit very large, bright scarlet, very smooth, ripening evenly to the stem without a crack; and not subject to rot. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.00.

Sutton's Best of All. Best for forcing. 40c. per original pkt.

Sutton's Eclipse. A valuable forcing variety. 40c. per original pkt.

Trophy Selected. Seed is saved only from the finest ripe specimens. Pkt. 5c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Yellow Pear. Used for preserving. Pkt. 5c., oz. 25c.

Yellow Prince (Livingston's). The very best large round yellow tomato. Pkt. 10c., oz. 30c.

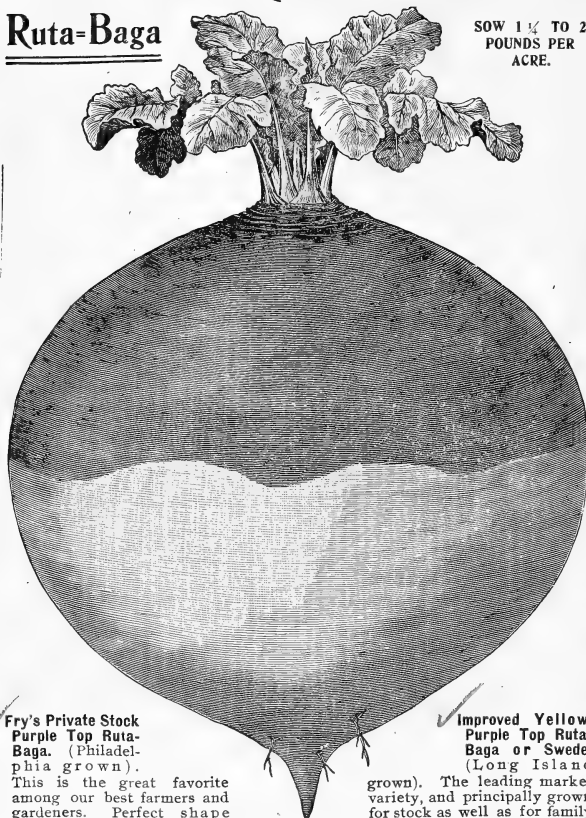
An Early Harvest

of Tomatoes will be yours, if you plant some of the SPARKS EARLIANA Tomato offered in the Novelty Pages. Pkt. 15c.; 50c. per oz.; per $\frac{1}{4}$ lb. \$1.75.

TURNIP SEEDS, ETC.

Ruta-Baga

SOW 1 $\frac{1}{2}$ TO 2
POUNDS PER
ACRE.



**Fry's Private Stock
Purple Top Ruta-
Baga.** (Philadel-
phia grown).

This is the great favorite
among our best farmers and
gardeners. Perfect shape
and best in every way. 100. per
oz., 30c. per $\frac{1}{4}$ lb., \$1.00 per lb.

**Improved Yellow,
Purple Top Ruta-
Baga or Swede.**
(Long Island

grown). The leading market
variety, and principally grown
for stock as well as for family
use; hardy productive, flesh yellow, solid,
sweet fine grained and of good flavor. Pkt.
5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 50c., 3 lbs. \$1.25

Robertson's Golden Ball. Pkt. 5c., oz. 10c., lb. 50c.

Yellow Aberdeen. Pkt. 5c., oz. 10c., lb. 45c.

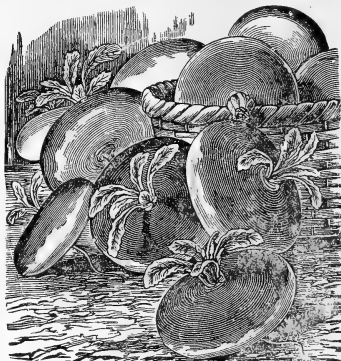
Cow Horn. Long white. Pkt. 5c., 10c. per oz., 20c. per $\frac{1}{4}$ lb., per lb. 50c.

Turnip

Herbst Rube (Ger.).

Navet (Fr.).

One ounce for 100 feet, two pounds to the acre.
For early use sow the small sorts as soon as the ground can be
worked in the spring in drills fourteen inches apart. Ruta bagas
thirty inches. As the seed is fine it should be covered but slightly,
except in very dry weather. Of the early varieties, thin the plants
to six inches apart and the Swedes to one foot. In fall and winter
use the early kinds should be sown from the middle of July to the
middle of August, and Swedes from the middle of June to the
fifteenth of July.



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Purple Top Flat Strap Leaf Turnip.

Snowball. Extra early, perfectly round, pure
white, very solid, sweet, short top. Pkt. 5c.,
oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 60c.

Extra Early Munich, Purple Top. A very early
variety, white flesh, of fine grain and good flavor
Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 50c.

Early White Flat Dutch. An early white-fleshed
variety of quick growth, mild flavor and excel-
lent quality. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb.
40c., 3 lbs. \$1.00.

Early White Egg. An egg-shaped variety for
spring or fall sowing. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb.
15c., lb. 50c.

Early Red or Purple Top Flat. This strap-leaved
variety is the principal sort for early spring and
fall use; top is red or purple, flesh fine grained,
of mild flavor and a good keeper. Pkt. 5c., oz.
10c., $\frac{1}{4}$ lb. 15c., lb. 45c., 3 lbs. \$1.15.

Purple Top White Globe. Either for table or
stock, is a heavy producer, early, of rapid
growth and an excellent keeper. Pkt. 5c., oz.
10c., $\frac{1}{4}$ lb. 15c., lb. 50c., 3 lbs. \$1.25.

Yellow Globe or Amber. One of the best for a general crop, ex-
cellent for table use or feeding stock, and keeps well until late
in the spring. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 15c., lb. 45c., 3 lbs. \$1.15.

TOBACCO SEED

Connecticut and Penna. Seed Leaf. Pkt. 10c., 30c. per oz. | Havana Seed Leaf. Pkt. 10c., 50c. per oz.

VEGETABLE PLANTS AND ROOTS

Asparagus Roots.

" **Barr's Mammoth.** 80c. per 100, per 1000 \$5.00.

" **Conover's Colossal.** 65c. per 100, per 1000 \$4.50.

" **Columbian White.** 80c. Per 100, per 1000 \$6.00.

Artichoke Roots. Jerusalem. Qt. 15c., \$1.00 per pk., per bu. \$3.00.

Cabbage Plants. Early Wakefield. 40c. per 100, per 1000 \$3.00.

Late Flat Dutch, 30c. per 100, per 1000 \$2.00.

Cauliflower Plants. 20c. per doz., per 100 \$1.25, \$8.00 per 1000.

Chives. 10c. per clump, per doz. clumps \$1.00, \$7.50 per 100.

Egg Plants. Hot Bed Grown. 30c. per doz., per 100 \$2.00.

" **Pot Grown.** 50c. doz., per 100 \$3.50.

Hop Vine Roots. 5c. each, per doz. 50c., \$2.50 per 100.

Horse Radish Roots. 15c. per doz., per 100 50c., \$4.00 per 1000.

Lettuce Plants. Best sorts. 40c. per 100, per 1000 \$3.00.

Mint Plants. 10c. each, per doz. 75c., \$5.00 per 100.

Pepper Plants. 20c. per doz., per 100 \$1.25.

Rhubarb Roots. 10c. each, per doz. \$1.00, \$6.00 per 100.

Sage. Holt's Mammoth. 10c. each, per doz. \$1.00, \$6.00 per 100.

Sweet Potato Plants. Red and Yellow. 30c. per 100, per 1000

\$1.75. Special prices on larger quantities.

Tarragon Roots. 20c. each, per doz. \$2.00.

Thyme Plants. 10c. each, per doz. \$1.00, \$6.00 per 100.

Tomato Plants. Hot Bed Grown. 20c. doz., per 100 \$1.00.

\$8.00 per 1000. Pot Grown. 50c. doz., per 100 \$3.50.

FARM SEEDS, ETC.

Prices Subject to Market Changes.

WRITE FOR SPECIAL QUOTATIONS ON LARGE QUANTITIES BEFORE PLACING YOUR ORDER ELSEWHERE.

BUCKWHEAT. Japanese, Silver Hull and Common. Sow about 1 bushel per acre. Per qt. 15c.; per pk. 40c.; per bu. \$1.10.

BARLEY. For seeding purposes. Sow 2 to 2½ bushels per acre. Per qt. 15c.; per pk. 40c.; per bu. \$1.30.

CANADA FIELD PEAS. Very profitable as a hay and forage crop, also a very early nutritious dry or green food. Sow in March or April at the rate of 1½ bushels per acre broadcast with ½ bushel oats as a support; cut for hay before the peas mature. Excellent pigeon feed when dry. Per qt. 10c.; per pk. 50c.; per bu. \$1.60.

CARROT. Improved Long Orange. This is the best and most satisfactory variety for stock feeding. 75c. per lb.; 5 lb. lots and over at 70c. per lb. Sow 3 to 4 lbs. per acre.

CARROT. Denver's Half Long. Highly recommended for stock feeding. 85c. per lb.; 5 lb. lots and over at 75c. per lb.

CORN. All the best sorts such as Chester Co., Mammoth, Golden Beauty, Leaming Dent, etc., etc. For list of varieties and prices see page 18. Plant 9 to 10 qts. per acre.

CLOVER. Red, Extra choice re-cleaned "Buckeye" brand. The very best, entirely free from weeds. Sow ½ bushel (20 lbs.) to the acre. Per lb. 15c.; per pk. \$2.00; per bu. \$7.20.

" **Crimson or Scarlet.** Excellent for cutting as feed or for plowing under, makes a good substitute for manure or other fertilizer; can be sown from June to October 15th; about 30 lbs. per acre. Extra choice seed. Per lb. 10c.; per pk. \$1.25; per bu. \$3.75.

" **Bokhara.** Excellent bee food. 30c. per lb.

" **Alfalfa or Lucerne.** Sow 20 lbs. per acre. An excellent forage crop. Per qt. 15c.; per pk. \$5.00; per bu. \$7.90.

" **Alsike.** Best quality, extra clean. Sow 10 lbs. per acre. The hardest of all clovers yielding an enormous crop. Per lb. 15c.; per pk. \$5.50; per bu. \$9.40.

" **White Dutch.** Sow 12 to 15 lbs. per acre. This is the clover largely used for lawn, although it is also valuable for permanent pasture use. Per lb. 30c.; per pk. \$3.75; \$23.00 per 100 lbs.

Millet Golden or German. Produces hay of very fine quality. Sow 1 bushel per acre. Per lb. 10c.; per pk. 4 c.; per bu. \$1.30.

Egyptian or East Indian. Sow 5 lbs. to the acre. Lb. 25c.; \$2.00 per 10 lbs.; per 100 lbs. \$12.50.

Hungarian. A coarse, tall growing sort. Per lb. 10c.; per pk. 30c.; per bu. \$1.00.

Mangel Wurze's. All the very best sorts. For prices and full description see pages 12 and 13. Sow about 5 lbs. to the acre.



Crimson Clover.



Wheat.

OATS. All the best and most profitable varieties. Sow 2½ to 3 bushels per acre. Per lb. 10c.; per pk. 25c.; per bu. 70c.

PARSNIP. Used by many farmers for stock feeding. Improved Hollow Crown. 55c. per lb., 5 lb. lots and over at 50c. per lb. Sow 4 to 5 lbs. per acre.

PUMPKIN. Valuable food for stock. Sow 3 lbs. per acre. See page 25 for list of varieties and prices.

RUTA BAGA. See page 28 for best varieties and prices. Sow 2 lbs. per acre.

RYE. Winter and Spring. Best seed stock. Sow 1½ bushels per acre. Per lb. 10c.; per pk. 40c.; per bu. \$1.20.

DWARF ESSEX RAPE. A valuable forage plant. It is a most profitable crop for sheep and cattle, also for turning under as green manure. 6 lbs. per acre, 10c. per lb.; 10 lbs. for 90c.; \$7.00 per 100 lbs.

SOUTHERN BLACK-EYED COW PEAS. A small white variety with black eye. Sow in May or June for plowing under. Much used for green manuring purposes. Sow two to three bushels to the acre. Per lb. 15c.; per pk. 65c.; per bu. \$2.25.

SOJA BEANS. One of the most remarkable drought resisting crops under cultivation. Will thrive under the most adverse conditions, a tremendous yielder and valuable soil improver. Sow ½ bu. per acre. Per lb. 15c.; per pk. 75c.; per bu. \$2.25.

TIMOTHY. Extra prime re-cleaned seed. Sow ½ bushel per acre. Per lb. 10c.; per pk. 75c.; per bu. \$2.50.

WHEAT. All the leading varieties such as Dietz Longberry, Fultz, Jones Winter Fife. Sow 1½ bushels per acre. Per lb. 10c.; per pk. 50c.; per bu. \$1.35.

MISCELLANEOUS SEEDS.

FLAX SEED. Sow 1 bushel per acre. 15c. per qt.; per bu. \$2.75.

OSAGE ORANGE SEED. 40c. per lb.; per bu. \$5.00.

TEOSINTE. (Reana Luxurians). Sow 4 pounds per acre. Excellent forage plant, also used for ensilage. Oz. 10c.; \$1.00 per lb.

TARES OR SPRING VETCHES. (Vicia Sativa). Used for green manuring. Sow 2 to 2 bushels per acre. 10c. lb.; bu. \$3.00; \$4.75 per 100 lbs.

WINTER VETCHES. (Vicia Villosa). Used for sowing in autumn. 15c. per lb.; per bu. \$7.50; \$11.50 per 100 lbs.

SUGAR CANE. Early Amber. The earliest and most prolific variety. Sow 4 quarts per acre in drills; broadcast sow 8 quarts. 20c. per qt.; bu. \$2.75.

BROOM CORN. Improved Evergreen. Sow 6 to 8 quarts per acre. Qt. 15c.; \$2.50 per bu.

BIRD SEEDS, Fresh, Re-cleaned.

Canary. (Sicily). Qt. 15c.; 4 qts. 50c.; \$3.25 per bu.

Mixed Bird Seed. Qt. 15c.; 4 qts. 50c.; \$3.25 per bu.

Hemp Seed. Qt. 12c.; 5 qts. 50c.; \$2.00 per bu.

Rape Seed. Qt. 15c.; 4 qts. 55c.; \$3.25 per bu.

Sunflower Seed. Qt. 10c.; 4 qts. 30c.; \$1.50 per bu.

Millet Seed. (French). Qt. 25c.; 4 qts. 75c.; \$4.50 per bu.

Maw Seed. 15c. per lb.; 4 lbs. for 50c.

Canada Pigeon Peas. Qt. 10c.; pk. 50c.; \$1.60 per bu.

Unhulled Rice. 20c. per qt.

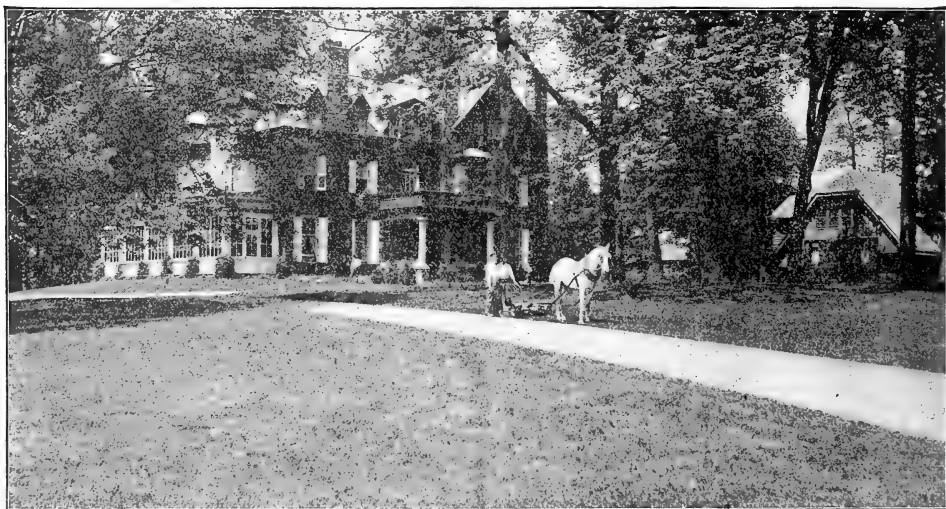
Cuttle Fish Bone. 3c. each; 40c. lb.

Lettuce Seed. 5c. per oz.; 20c. per lb.

LAWN GRASS SEEDS

Our Grass and Clover Seeds are of the very finest quality, extra clean and free from weeds, and can be relied upon to give the best of satisfaction. We have a large number of unsolicited testimonials from customers who have sown our seed.

We make a specialty of supplying Country Clubs with the proper grass seed for Golf Links, Tennis Courts Etc., Etc. Special information as well as Special Prices will be cheerfully given. We can refer to a number of the leading Clubs whom we supply.



MICHELL'S "NONE SUPERIOR EVERGREEN" LAWN GRASS SEED produced one of the finest lawns in Pennsylvania, at the Country Residence of the late Frank Thomson, President of the Pennsylvania R. R. at Merion Station. Our Evergreen Lawn Seed has become the Standard of excellence and purity.

HOW TO MAKE A LAWN.

Some previous cultivation, or at least a thorough turning over should be given. A clayey loam is the best foundation for a good lawn. Let the surface be graded to the level wanted in all parts and well rolled—a light raking following this will prepare for the seed sowing, which should be done as early in the spring as the ground can be worked, provided the ground has not already been prepared in the fall. The very best time, the ground being in order, is about April 1st.

QUANTITY OF SEED TO SOW PER ACRE.

For newly made lawns we recommend sowing 4 bush. or 80 lbs. per acre; for renewing old lawns about 2 bush. will be sufficient. Do not be afraid to apply sufficient seed; for the young plants are but small and if thick, cover the ground better and make a smoother and more even turf. Mowing should be done at least once a week in favorable growing weather, and even in dry weather it should be cut twice a month. Do not allow the clippings to remain on the ground, except they are very short.

RELIABLE INFORMATION.

We are at all times ready to give any advice about the Lawn, Golf Ground, Polo Field, etc. It's our business, and we will give it in a way that will lead to success. The largest estates, etc., have their lawns seeded with Mitchell's formulas of seed.

LAWN TOOLS, ETC.

Our stock, we know, is the most complete. Come and look it over and be convinced. **RAKES, ROLLERS, MOWERS,** and all the **newest devices**, in a variety that will surprise you —the prices are reasonable.

P. S. We strongly recommend using Mitchell's Pure Bone Meal and Canadian, Unleached Wood Ashes, for top dressing Lawns.

Michell's Own Special Formulas of Lawn Grass Seed Mixtures

Michell's "None-Superior Evergreen" Lawn Grass Seed.

This mixture is made of the finest varieties, presenting the appearance of the lawn like a bed of dark green velvet. We can safely say that there is no better mixture in the market. The seeds used are all fresh and re-cleaned, and enough white clover is added to make it strong and durable. (20 lbs. per bushel.) Qt. 25c.; 4c. 2 qts.; 4 qts. 65c.; \$1.00 pk.; bus. \$4.00; (5 bu. lots \$3.75 bu.) Larger quantities at \$17.50 per 100 lbs.

Please note that we give 20 pounds per bushel, which is equivalent to 1½ bushels.

Fairmount Park Lawn Mixture. A very fine mixture which we can highly recommend. (15 lbs. per bushel.) Qt. 20c.; 35c. 2 qts.; 4 qts. 50c.; 75c. pk.; bus. \$2.75; (5 bu. lots \$2.50 bu.) \$16.00 per 100 lbs.

Phila. Country Club Golf Grounds Mixture. P. F. Foy's special formula. Strictly reliable. (15 lbs. per bushel.) Qt. 20c.; 35c. 2 qts.; 4 qts. 50c.; 70c. pk.; bus. \$2.50; (5 bu. lots \$2.25 bu.) \$14.00 per 100 lbs.

Michell's Lawn Tennis Mixture. Contains a special mixture of short growing varieties. (20 lbs. per bushel.) Qt. 25c.; 40c. 2 qts.; 4 qts. 60c.; \$1.00 pk.; bus. \$4.00; (5 bu. lots \$3.65 bu.) Larger quantities at \$17.00 per 100 lbs.

Michell's Putting Greens Mixture. This is a new mixture of our own; made up especially from such grasses as will grow very short and make a solid surface to withstand heavy wear. (20 lbs. per bushel.) Qt. 25c.; 40c. 2 qts.; 4 qts. 65c.; \$1.00 pk.; bus. \$4.00; (5 bu. lots \$3.65 bu.) Larger quantities at \$17.00 per 100 lbs.

Michell's Shaded Lawn Mixture. Specially adapted for lawns on which there are trees, and where the usual grass seeds do not thrive. (20 lbs. per bushel.) Qt. 25c.; 40c. 2 qts.; 4 qts. 65c.; \$1.00 pk.; bus. \$4.00; (5 bu. lots \$3.75 bu.) Larger quantities at \$17.00 per 100 lbs.

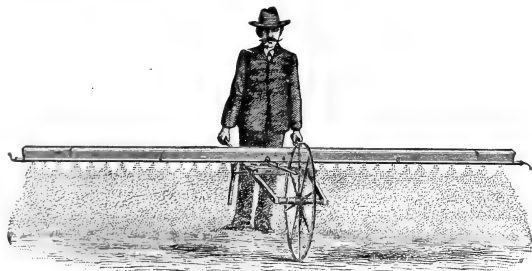
Michell's Terrace and Embankment Mixture. This mixture consists of such varieties of grasses that will form a well bound turf, to withstand washing by rain, etc.; also excellent for exposed embankments. (20 lbs. per bushel.) Qt. 25c.; 40c. 2 qts.; 4 qts. 65c.; \$1.00 pk.; bus. \$4.00; (5 bu. lots \$3.60 bu.) Larger quantities at \$17.00 per 100 lbs.

Michell's "Sea Shore" Formula. A mixture compounded for sowing on the lawn by the seaside, or to be used where the soil is very sandy; contains varieties that thrive well in the salt atmosphere, and among the general surroundings of the seashore home lawn. (20 lbs. per bu.) 25c. per qt.; 2 qts. 40c.; 4 qts. 65c.; \$4.00 per bu.; (5 bu. lots \$3.60 per bu.) Larger quantities at \$17.00 per 100 lbs.

SPECIAL NOTICE.—We compound to order any special formula of grasses our customers may desire. **NO CHARGE** for the work of mixing.

A PERFECT LAWN

can only be had by applying high class fertilizer. **Michell's Pure Bone Meal** is guaranteed, and we recommend it. We can furnish it in carloads for largest lawns or in bags containing the smallest amount for small grass plots.



Thompson's Grass Seeder.

Thompson's Grass Seeder

This is the only machine for properly sowing Grass Seeds on lawns, fields, etc., distributing it very evenly. Five acres can be sown with seed by this method while one can be sown by hand. It is very easily handled; simply requires pushing like a wheelbarrow. An agitator is provided inside to prevent clogging, covering area 13½ feet.

PRICE, \$6.50

P. S.—We especially invite large buyers of Grass, Clover and Millet Seeds to ask us to quote prices and allow us to submit our samples before purchasing elsewhere.

...TESTIMONIALS...

OFFICE OF
THE PENNSYLVANIA RAILROAD CO.

MR. H. F. MICHELL:

I wish to say a word about the grass seed we received from you this spring—over **two tons**. The results obtained were a pleasure to see indeed, and I thank you most heartily for your **prompt delivery** and for sending such good seed.

Landscape Gardener
for Pennsylvania R. R. Co.

ALTOONA, April 8th, 1902.

Respectfully yours,
J. F. SMITH.

ELMIRA, N. Y.

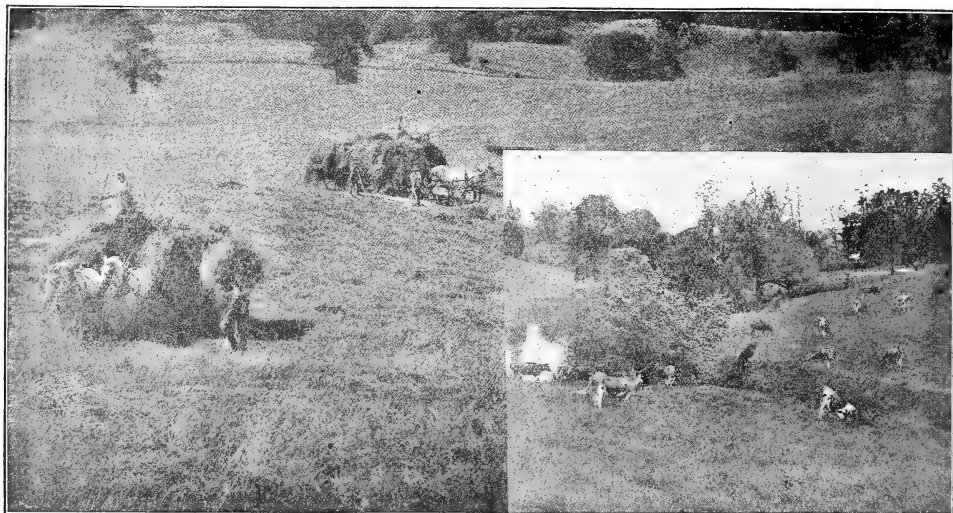
MR. H. F. MICHELL:

I wish to tell you about the results obtained from the **Eighty Bushels** of Lawn seed you sent us. It certainly was fine, came up very evenly and not a weed in it.

Gardener to
Hon. J. S. Fassett.

Yours,
JNO. B. RUDY.

FOR SEPARATE VARIETIES OF GRASSES SEE NEXT PAGE.



MICHELL'S SPECIAL FORMULA PERMANENT PASTURE AND HAY GRASS SEED.

This special mixture is made by us after careful study of the very best permanent, hardy varieties of grasses, such as will produce a quick growth and of a permanent nature. All the different varieties contained in this special formula are especially adapted for the purpose, and can be relied upon to give the very best results. Few farmers realize the value of sowing our **Permanent Pasture Grass Seed**, the results derived from it are remarkable. It is not an annual that must be sown every season, but a permanent turf is procured, something that will give returns for years to come. As a hay producing crop it has few equals; cattle can still graze on it after the crop has been harvested and yet find sufficient to satisfy their wants. In few words it is the **cheapest and quickest permanent crop you can put on the field**. The testimonials received from those who have sown it are numerous indeed. We make up special formulas, for low and high, for shady and sunny locations, also for heavy and light soils. We recommend this mixture either for making entirely new pasture fields, or for replenishing partly worn-out pastures.

20 lbs. per bushel, \$3.00 per bu.; (5 bu. lots \$2.75 per bu.); (10 bu. lots and over at \$2.65 per bu.)

2½ bushels per acre is the proper quantity to sow on new fields, whereas one to 1½ bushels per acre is sufficient for re-sowing and replenishing old fields.

GRASS SEEDS. SEPARATE VARIETIES.

Awnless-Brome Grass (*Bromus inermis*). A valuable grass for light, dry soils. Will stand long droughts and produce heavy growth where other grasses frequently fail. Forty lbs. to the acre. Lb. 22c.; bu. (14 lbs.) \$2.50; 100 lbs. \$12.50.

Blue Grass (*Kentucky*). Extra fancy cleaned. One of the most valuable sorts for lawn purposes, and as a pasture grass is indispensable. This grade is the best for sowing lawns. Sow 3 to 5 bu. per acre for lawn; for pasture, sow 2½ bu. Qt. 20c. bu. (14 lbs.) \$1.90; (original sacks, containing 8 bu., \$1.75 per bu.)

Creeping Bent Grass (*Agrostis stolonifera*). Excellent for lawns, succeeds well in all conditions, makes a low velvety growth. Lb. 25c.; bu. (20 lbs.) \$4.50; 100 lbs. \$22.50.

Canadian Blue Grass. Adapted especially to high, dry situations. Lb., 15c.; bu. (14 lbs.) \$1.50; 100 lbs. \$9.50.

Crested Dogstail. An excellent grass for hard, dry soils, valuable for pastures or lawns, 25 lbs. to the acre. Lb. 35c.; bu. (21 lbs.) \$6.00; 100 lbs. \$25.00.

English Rye Grass (*Perennial Rye*). Lb. 28c.; bu. (24 lbs.) \$2.25; 100 lbs. \$7.50.

Fancy Herd or Red Top. Extra recleaned seed, free from chaff. Lb. 20c.; bu. (32 lbs.) \$4.50; 100 lbs. \$13.50.

Herd or Red Top Grass. Lb. 15c.; bu. (10 lbs.) \$1.00; sack of 50 lbs. \$4.00.

Hard Fescue. Thrives well in dry situations, where many other grasses fail; 30 lbs. to the acre. Lb. 25c.; bu. (12 lbs.) \$2.75; 100 lbs. \$17.00.

Italian Rye Grass. Lb. 12c.; bu. (22 lbs.) \$2.25; 100 lbs. \$8.50.

Meadow Fescue. English Blue Grass. An excellent grass for permanent pasture or hay; the foliage is highly nutritious. Lb. 20c.; bu. (22 lbs.) \$3.25; 100 lbs. \$14.00.

Natural Green Grass. Lb. 20c.; bu. (14 lbs.) \$2.00; 100 lbs. \$12.00.

Orchard Grass. For pasture, sowing under orchards or shady places. Lb. 20c.; bu. (14 lbs.) \$2.00; 100 lbs. \$13.50.

Rhode Island Bent Grass (*Agrostis Canina*). Resembles Herd Grass, forming a fine turf even on thin soils. Doing especially well in salt atmospheres. The only Lawn Grass used at Newport. Sow 40 lbs. to the acre. Lb. 25c.; bu. (15 lbs.) \$2.50; 100 lbs. \$15.00.

Sheep's Fescue (*Festuca Ovina*). Sow 40 lbs. to the acre. Lb. 20c.; bu. (12 lbs.) \$2.25; 100 lbs. \$16.00.

Sweet Vernal (*Perennial*). Very fragrant. Lb. 65c.; 5 lbs. \$2.50.

(Annual). Lb. 25c.; 5 lbs. \$1.00.

Timothy Seed. Prime. About \$2.50 per bu.

Wood Meadow Grass (*Poa Nemoralis*). Particularly adapted for pleasure grounds and lawns; will grow under trees where few other grasses can exist. Lb. 35c.; bu. (14 lbs.) \$4.25; 100 lbs. \$27.50

CLOVER SEEDS. Prices subject to Market Changes. 60 lbs. per bu.

Alsike or Swedish. Valuable for pasturage or ensilage. Lb. 20c., pk. \$2.50; bu. \$9.40.
Alfalfa or Lucerne. Sow early in spring to secure a good stand before winter. Lb. 15c.; pk. \$2.10; bu. \$7.90.

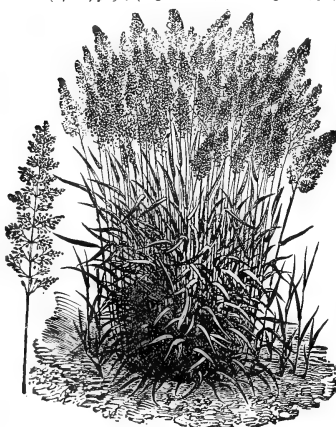
Bokhara Clover. Excellent for bee food. Lb. 30c.

Red Clover. The seed we offer is recleaned and free from weeds. Lb. 15c.; pk. \$2.00; bu. \$7.50.

Scarlet or Crimson Clover. Delaware grown. Lb. 10c.; pk. \$1.10; bu. \$3.75.

White Dutch Clover. The best variety for lawns; remains green throughout the season; highest grade of seed only. Lb. 30c.; pk. \$2.75; \$23.00 per 100 lbs.

(See also Page 29 for Farm Seeds.)



Kentucky Blue Grass.

MICHELL'S FLOWER SEEDS

Collections of Flower Seeds

Pkt. of 12 Varieties, each separate, 50c.
 " " 18 " " " 75c.
 " " 24 " " " \$1.00

Abronia. Trailing plant, producing clusters of sweet-scented, verberna-like flowers; effective in beds, rock-work or hanging baskets. Half hardy annuals; height, six inches.

1 **Umbellata.** Rosy lilac, with a white eye. Pkt. 5c.

Abutilon. Sown any time before April, in a temperature of sixty degrees, they will produce fine flowering plants the first season.

4 **Choice Mixed.** All colors; two to six feet high. Pkt. 15c.

Aconitum (*Monk's Hood or Wolfsbane.*) A hardy perennial, producing curiously shaped flowers in abundance.

7 **Nepellus.** Very pretty blue and white flowers; three feet high. Pkt. 5c.

Adonis (*Flos Adonis.*) Also known as Pheasant's Eye. Hardy annuals of easy culture, with pretty fine cut foliage.

13 **Estivalis.** Dark crimson flowers, with a light centre; one foot high. Pkt. 5c.

Agatheia 14 (*Coelestis.*) Beautiful blue flowers: Pkt. 10c.



Ageratum Princess Victoria Louise.

Ageratum. For beds or borders, blooms all summer; half-hardy annuals.

20 **Blue Perfection** (Dwarf). New. Pkt. 10c.

35c. per ¼ oz.

16 **Large-Flowered Dwarf Blue.** Pkt. 5c.

per oz. 30c.

15 **Grandiflorum Album.** The finest white variety yet introduced. Pkt. 10c.

22 **Princess Victoria Louise.** White, tinted with blue. Particularly adapted to bedding. Pkt. 10c.

18 **Large-Flowered Dwarf Mixed.** Pkt. 5c.

per oz. 25c.

Ampelopsis (*Miniature Virginia Creeper or Japanese Ivy.*) A hardy perennial from Japan; leaves turn to scarlet in autumn; will adhere to brick or stone walls.

21 **Veitchi.** Pkt. 10c.; oz. 30c.

Achillea. Useful for cut flowers or for placing in cemeteries; hardy perennial; eighteen inches high.

10 **Parmica Plena.** Pure white double flowers. Pkt. 15c.

Amaryliss 31 (*Veitch's Hybrids.*) Free flowering type, can readily be grown from seed. Pkt. 15c.

Amaranthus (*Half-hardy annuals.*)

33 **Cruentus** (*Prince's Feather.*) Erect flowering, bright scarlet. Pkt. 5c.

34 **Caudatus** (*Love Lies Bleeding.*) Blood red. Pkt. 5c.

35 **Gordoni or Sunrise.** Bronzy crimson foliage, shading off to brilliant scarlet. Three feet high. Pkt. 10c.

36 **Salicifolius** (*Fountain Plant.*) Pkt. 5c.

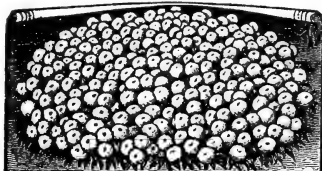
37 **Tricolor Splendens** (*Joseph's Coat.*) Leaves red, yellow and green. Three feet high. Pkt. 5c.; oz. 50c.

38 **Mixed.** All sorts. Pkt. 5c.

Arctotis (*African Plant.*)

106 **Grandis.** Remarkably handsome annual from Southwest Africa; grows luxuriantly, forging bushes 2 to 2½ feet high. Flowers white, tinted yellow at the base. Pkt. 10c.; 30c. per 4 pkts.

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"Carpet of Snow" Alyssum.

Alyssum. Free flowering plants for beds, edgings or rock-work, or winter blooming; the annual variety blooms all summer.

23 **Little Gem.** Of dwarf habit, each plant covering a circle fifteen to thirty inches in diameter. Pkt. 5c.; ¼ oz. 15c.; oz. 50c.

24 **Sweet Alyssum.** White. Pkt. 5c.; oz. 25c.

25 "Carpet of Snow." Dwarf. Pure white. Pkt. 5c.; oz. 50c.

26 **Saxatile Compactum.** Showy golden yellow flower; hardy perennial, blooms the first season; one foot high. Pkt. 5c.

Adlumia Cirrhosa 28 (*Allegheny Vine.*) Pkt. 10c.

Anemone (*Wind Flower.*) A very pleasing hardy perennial, easily grown from seed, producing large flowers early in the spring; one foot high.

45 **Coronaria, Mixed.** Scarlet, purple, blue, white, striped. Pkt. 10c.



Antirrhinum. (Snapdragon.)

Antirrhinum.

(*Snapdragon.*) A most showy and useful border plant; large flowers of most brilliant colors, with beautifully marked throats; succeed in any good garden soil; very effective in beds; hardy perennials, blooming first year if seed is sown early. 1 foot high.

48 **Queen of the North.** The finest of all Snapdragons, forms an excellent plant one foot high; each plant occupies a space of 1 to 1½ feet, and is densely covered with large white flowers. A beauty for beds and borders, also valuable for pot culture. Pkt. 10c.; ¼ oz. 25c.

49 **Dwarf Mixed.** Finest Tom Thumb. Pkt. 5c.; oz. 40c.

50 **Tall Mixed.** Pkt. 5c.; per oz. 30c.

51 **Imported Collections.** Ten dwarf varieties, 40c.

55 **Giant Yellow.** Pkt. 10c.

107 **Giant Scarlet.** Pkt. 10c.

53 **Dwarf Firefly.** Pkt. 10c.

54 **Golden Sun.** Foliage canary yellow; flowers rosy, white spotted and striped carmine. Pkt. 10c.; 30c. per 4 pkts.

52 **Imported Collections.** Ten tall varieties, 40c.

Asperula 108 (*Sweet Woodruff.*) Hardy annual, sweet scented blue flowers. 1 foot. 5c. pkt.; 50c. per oz.

Auricula 115 (*Choicest Mixed.*) Half-hardy perennial. Pkt. 10c.

Asparagus 29 (*Plumosa.*) Per 100 seeds \$1.25; 25c. per pkt.

Asparagus 30 (*Sprengeri.*) Per 100 seeds \$1.00; 20c. per pkt.

The above two varieties of Ornamental Asparagus are now in great demand. They are easily grown from seed.



Asters (Queen Margaret)

There is no flower which combines so much beauty and variety of habit and shape with such brilliancy and richness of color, as this; it is splendid for bedding, bordering or pot culture. Give it rich soil and plenty of water for the best results. The seed we offer has been saved from the very best flowers only.

SEMPEL'S BRANCHING LARGE FLOWERING. Without doubt the best garden aster, produces flowers of immense size on very long stems, which make them a most desirable cut flower.

- | | | |
|----|-----------------------------|--------------------------------------|
| 88 | Sample's Bright Red. | Pkt. roc., 1/2 oz. 30c. |
| 89 | " Pure White. | Pkt. roc., 1/2 oz. 30c. |
| 90 | " Shell Pink. | Pkt. roc., 1/2 oz. 30c. |
| 91 | " Lavender. | Pkt. roc., 1/2 oz. 30c. |
| 92 | " Blue. | Pkt. roc., 1/2 oz. 30c. |
| 93 | " Choicest Mixed. | Pkt. roc., 1/2 oz. 30c., oz. \$2.00. |

One pkt. of each of the five separate colors of **Sample's Asters** for 40c. (regular value 50c.)

Improved Victoria Asters.

This class of Aster is very popular, owing to the fact it can be used either as a pot plant, or as a desirable garden Aster, its flowers of a large size are perfectly double, and flat when fully open.

- | | | | | | |
|----|---------------------|------------------------------|------|---|--|
| 63 | Blue | pkt. roc. 1/2 oz. 30c. | 1111 | Giant Snow White Victoria Aster. | Of pyramidal habit, free flowering, each plant bearing from 15 to 20 magnificent blooms of pure white. 25c. per pkt. |
| 64 | Pink | " " 30c. | | | |
| 65 | White | " " 30c. | | | |
| 66 | Scarlet | " " 30c. | | | |
| 67 | Purple | " " 30c. | | | |
| 68 | Finest Mixed | " " 30c. | | | |

Truffaut's Prize Asters.

Improved Peony-Flowered. Very double, large and finely shaped, the petals beautifully incurved. Considered the finest aster for garden or for cutting. One and a half feet.

- | | | | | | |
|----|-------------------|-------------------------|----|--------------------------------|-------------------------|
| 56 | Pure White | Pkt. 1/2 oz. 30c. | 59 | Glowing Crimson Scarlet | Pkt. 1/2 oz. 30c. |
| 57 | Light Blue | " " 30c. | 60 | Finest Mixed | " " 30c. |
| 58 | Pink | " " 30c. | 61 | Purple Violet | " " 40c. |

Our **ASTER SEED** is grown by specialists with greatest care in Europe and America and can be relied upon to be perfectly double.



Comet Asters.

- | | |
|---|---|
| A very handsome class, resembling the popular Japanese Chrysanthemum. | |
| 73 Pink and White. | Pkt. roc. 44 Pure White Giant. Pkt. roc. |
| 1100 Rich Carmine. Pkt. roc. | 46 Choicest Mixed. All colors. |
| 1101 Blue. Pkt. roc. | Pkt. roc., 30c. per 1/2 oz. |
| 1102 Peach Blossom. Pkt. roc. | |

One pkt. of each of the five Comet Asters for 40c. (regular value 50c.)

Queen of the Market Extra Early Asters.

This very desirable class has become very well known, its extreme earliness, fully three weeks earlier in blooming than other varieties of Asters, makes it well worthy to be in every garden.

- | | |
|-------------------------------------|-------------------------------------|
| 39 Pure White. Pkt. roc. | 47 Light Blue. roc. per pkt. |
| 41 Bright Scarlet. Pkt. roc. | 42 Dark Blue and Purple. |
| 43 Choicest Mixed. Pkt. 5c. | Pkt. roc. |
| 40 Rich Pink. roc. per pkt. | |

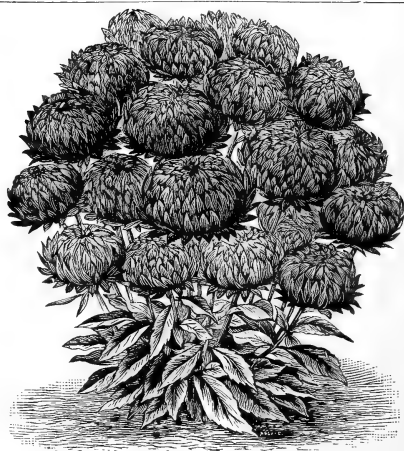
One pkt. of each of these, 6 pkts. in all, 50c.

Jewel or Ball Shaped Asters.

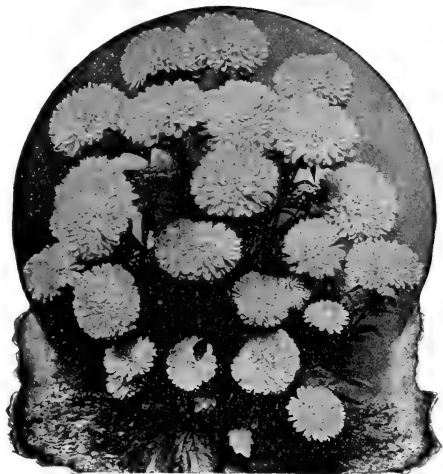
A new and most beautiful class, obtained from the well-known "Peony Perfection," forming perfectly round flowers.

- | | |
|--|--|
| 93 Sky or Light Blue. Pkt. roc. | 94 Reddish Violet. Pkt. roc. |
| 95 Pure White. Pkt. roc. | 96 Bright Pink. Pkt. roc. |
| 97 Brilliant Scarlet. Pkt. roc. | 98 Mixed, all colors. Pkt. roc. |

One pkt. of each of the above, 6 pkts. in all, 50c.



"Truffaut's Peony Flowered" Aster.



Daybreak Aster.

- 69 **New Daybreak.** A most beautiful distinct class—the color is a delicate rich pink, the flower is of good size, the stems are long, in fact it is one of the loveliest asters for cutting purposes. Per $\frac{1}{2}$ oz. 40c., 10c. per pkt.

Dwarf Hohenzollern Aster.

(See illustration on foregoing page.)

One of the very largest flowering varieties yet introduced and will become a favorite standard type.

- 1116 **Rich Crimson.** Pkt. 15c. | 1117 **Pure White.** Pkt. 15c.

Newer Asters

Of recent introduction of the "COMET TYPE."

- 1107 **"Empress Frederick."** A variety classed among the finest of dwarf Asters of the Comet type. Bearing flowers of the purest white often 12 inches in circumference and of the most desirable globular form, producing as many as 8 to 12 blooms on a plant at one time. A special feature is its robust growth, which makes it very desirable as a pot plant. Pronounced the best of the recent additions to the Aster family. Price per pkt. 15c., 50c. for 4 pkts.

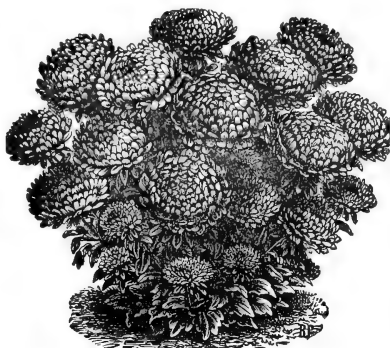
- 1120 **King Humbert, Pure White.** In this beautiful novelty the acme of perfection in large-blooming dwarf Comet Asters has been attained. The plants form compact bushes and bear magnificent globular pure white flowers of the genuine long-petaled Comet type, but of extraordinary size, sometimes surpassing 5 inches in diameter. It is extremely seldom that any of these flowers show a yellow centre, a fault often found with the old Giant Comet Asters. Will be unsurpassed in value as a pot-blooming, also garden Aster. 15c. per pkt., 4 pkts. for 50c.

IMPORTED COLLECTIONS OF ASTERS.

These pkts. are put up in Europe, and are recommended to those desiring a full assortment of the various types and separate colors in which they are offered.

- 84 **Finest Quilled.** Ten varieties, 50c.
85 **Truffaut's Paeony Perfection.** Twelve varieties, 75c.
86 **Victoria.** Eight colors, each separate, 50c.
77 Pictorial collection of 10 best classes, each variety separate, 50c.

NEW THINGS. The Novelty Pages in the front part of this Catalogue offer many interesting and desirable Flower Seeds. Be sure and include some of them in your Flower Seed order to be up-to-date with your neighbor's garden



Triumph Aster.

An excellent variety, similar to Truffauts, somewhat earlier and dwarfer in growth.

- 75 **Triumph.** Pure scarlet. Each plant bears at least thirty to forty flowers of exquisite beauty. Pkt. 10c., 3 pkts. 25c.

TWO NEW TRIUMPH ASTERS.

- 1118 **Coppery Scarlet with White.** 15c. per pkt., 3 pkts. for 40c.
1119 **Rich Scarlet.** 15c. per pkt., 3 pkts. for 40c.

These two new shades obtained in this valuable **Extra Early Type** of Asters will please all who may grow them. They begin blooming last week in June and continue a mass of flowers until late in autumn.

Asters of Various Sorts.

- 70 **Dwarf Pyramidal Bouquet.** The plants form a complete bouquet of flowers. Mixed, one foot high. Pkt. 10c.
71 **Cocardeau or Crown.** With white centres, bordered with bright rich colors. Pkt. 10c.
76 **Vick's White Branching.** Very long stems, pure white, four inches in diameter. The blooms have the appearance of large and graceful Chrysanthemums. Pkt. 10c., $\frac{1}{8}$ oz. 30c.
80 **Perennial Mixed.** Hardy, herbaceous plants. Pkt. 10c.
81 **Aster—Mignon Mixed.** Semi-dwarf; bear, when well grown, forty to fifty flowers of a beautiful shape. Pkt. 10c.
82 **Mignon, Pure White.** Pkt. 10c., $\frac{1}{8}$ oz. 40c.
83 **Yellow Betteridge's Quilled.** The flowers being quilled and very double show the most clearly pronounced yellow among asters. Pkt. 10c., 3 pkts. 25c.
78 **German Quilled, Mixed.** Perfectly double quilled flowers of beautifully mixed colors; two feet high. Pkt. 5c., $\frac{1}{4}$ oz. 30c.
79 **China or German, Mixed.** Pkt. 5c., oz. 60c.
73 **Dwarf Chrysanthemum-Flowered.** Mixed. Pkt. 10c.
74 **Dwarf Queen.** Choicest mixed. Pkt. 10c., $\frac{1}{8}$ oz. 30c.

Single Flowering China Aster.

Quite an acquisition; not to be compared with the old-fashioned single variety of Aster. The flowers have a perfect star form measuring from 9 to 12 inches in circumference, a very desirable cut bloom, borne on stems 20 to 24 inches long, of remarkable keeping qualities; they are of very luxuriant growth, foliage of a dark green color.

- 1103 **Violet.** Very beautiful. Per pkt. 15c.
1104 **Pink.** " " Per pkt. 15c.
1105 **Mixed.** " " Per pkt. 15c.

One pkt. of each of the above Single Asters for 40 cts.

- 1112 **PINK OSTRICH FEATHER ASTER.** A tall, branching large-flowering variety borne on long stems, color rich pink. 10c. per pkt., 3 pkts. for 25c.

Aquilegia (Columbine.)

- 100 **Chrysanthia** (*Golden Spurred*). Strong grower, forming bushy plants three feet high, bearing all through the season an abundance of bright golden yellow flowers. Pkt. 10c.
 101 **Cerulea**. Flowers are very large, violet blue, and inner petals pure white; two feet high. Pkt. 10c.
 102 **Single**. All colors mixed. Pkt. 5c., oz. 30c.
 103 **Double**. All colors mixed. Pkt. 5c., oz. 40c.



Balsam (*Lady Slipper or Touch-Me-Not*.)

Improved Camellia-Flowered. Very choice strain.

- 123 **White Perfection**. Very double. Pkt. 10c., oz. \$1.00.
 124 **Pink**. Very double. Pkt. 5c., oz. \$1.00.
 125 **Scarlet**. Very double. Pkt. 5c., oz. \$1.00.
 126 **Mixed**. Choicest. Pkt. 10c., oz. \$1.00.
 127 **Mixed**. Very fine. Pkt. 5c., oz. 50c.
 129 **Collection**. Six varieties, each separate. Pkt. 30c.

- 120 **Balloon Vine**. A favorite climber. Pkt. 5c., oz. 20c.

- 121 **Balsam Apple**. Very useful. Pkt. 5c., oz. 25c.

Beans. Very rapid climber; flowering profusely, and admirably adapted for covering screens, etc.

- 138 **Scarlet Runner**. Fiery Scarlet. Pkt. 5c., pt. 20c.

- 139 **White Runner**. Pure white. Pkt. 5c.

Bidens (*Dahlia Zimapani*). A free flowering tender annual, having beautiful foliage and bearing fine and attractive flowers. One foot high.

- 159 **Atrosanguinea**. Rich dark crimson, with yellow anther. Pkt. 10c.

Brachycome (*Swan River Daisy*). Free flowering plants, covered during the greater part of summer with a profusion of pretty Cineraria-like flowers. Half hardy annual.

- 163 **Iberidifolia Mixed**. Light blue and white. Six inches high. Pkt. 5c.

Beet. The ornamental-leaved beets are most useful for planting in ribbon beds or in groups.

- 155 **Red Chilian**. Brilliant red foliage. Pkt. 5c., oz. 15c.

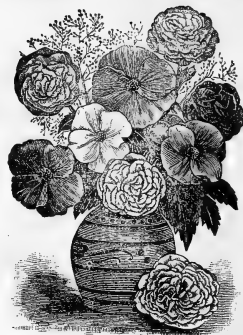
- 156 **Yellow Chilian**. Golden yellow. Pkt. 5c., Oz. 15c.

Browallia. One of our favorite bedding plants, covered with rich, beautiful flowers during the summer and autumn months, growing freely in any rich soil; blooms finally in winter if sown in August. Half hardy annuals, eighteen inches high.

- 170 **Elate Graniflora Cerulea**. Large sky blue flowers. 5c.

- 171 **Speciosa Major** (*New*). Very large, rich blue. Pkt. 10c.

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Begonia (*Tuberous-Rooted Varieties*.)

- 143 **Choicest Strain**. Single Mixed. Pkt. 15c.

- 144 **Double Mixed**. Choicest strain. Pkt. 25c.

- 145 **International Prize**. Saved from best English, French and German tuberous-rooted varieties. Pkt. of about 500 seeds. 25c.



Begonia Vernon.

Begonia (*Semperflorens, Etc.*)

- 142 **Vernon**. Rich orange carmine flowers and bronze colored foliage. Very effective for bedding, being covered with bloom from May until autumn. Pkt. 10c., 30c. per $\frac{1}{2}$ oz.

- 149 **Queen of Carpet Bedders**. A dwarf variety of the well-known Begonia Vernon. Grows only five inches high, bright red flowers, dark leaves. Pkt. 15c.

- 140 **Crimson Gem**. Brilliant variety; flowers rich red, foliage bronzy crimson. Per pkt. 15c.

- 150 **Coccinea Vulcan**. (Scarlet.) Pkt. 15c.

- 151 **Compacta Rosea**. (Pink.) Pkt. 15c.

- 152 **Compacta Alba**. (White.) Pkt. 15c.

- 147 **Erfordii**. (Pink.) Pkt. 15c.

- 153 **Rex**. New Hybrids. Ornamental foliage. Pkt. 25c.

Campanula (*Canterbury Bells*)

- 199 **Choice Mixed Double**. Pkt. 5c., 50c. per oz.

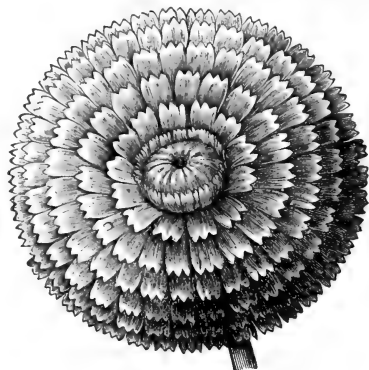
- 200 **Choice Mixed Single**. Pkt. 5c., 30c. per oz.

- 201 **Cup and Saucer** (*Calycanthema*). Choice mixed. Pkt. 10c.

- 202 **Cup and Saucer**. Pure White. Pkt. 10c.

- 203 **Persicifolia Blue**. Beautiful Species. Pkt. 15c.

- 204 **Persicifolia White**. Beautiful Species. Pkt. 15c.



Calendula (*Pot Marigold*).

Showy, free-flowering, hardy annuals, growing in any good garden soil, producing a fine effect. One foot high.

175 **Grandiflora**. Beautiful large double yellow flowers. Pkt. 5c., oz. 30c.

176 **Meteor**. A splendid variety. Pkt. 5c., oz. 20c.

177 **Prince of Orange**. The stripes around each petal are of a deep orange color, making a brilliant appearance. Pkt. 5c., oz. 30c.

178 **Sulphurea**. Double. Very handsome sulphur yellow. Pkt. 5c., oz. 40c.

180 **Orange King** (New). Very large double, rich dark orange. Pkt. 5c.

196

Canary Bird Flower

(*Tropæolum Peregrinum* or *Canariense*.)

One of the most charming climbers, bearing an abundance of bright yellow fringed flowers. Pkt. 10c.

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Calliopsis Golden Wave.

Calliopsis or Coropsis

Showy and useful free-flowering plants, of easy cultivation. Hardy annuals

224 **Golden Wave**. A very showy sort, with large yellow flowers two inches in diameter. Pkt. 5c., oz. 30c.

225 **Lanceolata**. A hardy perennial sort, bearing large flowers of a golden yellow color. Pkt. 10c., oz. 75c.

226 **Mixed**. All the choicest kinds. Pkt. 5c., oz. 25c.

228 **Nigra Speciosa**. Rich crimson. Pkt. 5c.

Coreopsis California Sunbeams

227 **Lanceolata Grandiflora**. These lovely improved varieties are much larger than any heretofore offered; the flowers are beautifully formed; some saucer-shaped, others flat, some exquisitely incurved, while others are like great buttercups. The petals are broad, with irregularly fringed edges. Some are very light yellow, others a deeper shade, darker around the eye. Pkt. 10c.

Canna (*Indian Shot Plant*).

206 **Madam Crozy**. Large red, yellow border. Pkt. 5c., oz. 20c.

209 **A. Bouvier**. Rich crimson. Pkt. 5c., oz. 20c.

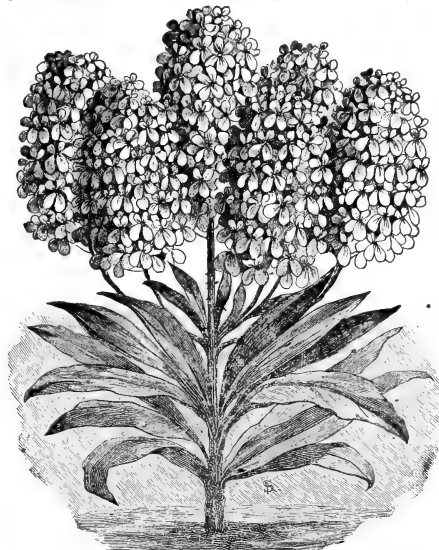
210 **Chas. Henderson**. Bright scarlet. Pkt. 5c., oz. 20c.

211 **Florence Vaughan**. Best yellow. Pkt. 5c., oz. 20c.

207 **Crozy's New Dwarf**. Choicest mixed. Pkt. 5c., oz. 20c.

212 **Flamingo**. Rich red. Pkt. 10c., oz. 20c.

213 **Queen Charlotte**. Red bordered yellow. Pkt. 10c., oz. 20c.



Candytuft: Little Prince.

Candytuft (*Iberis*).

183 **Empress**. Very large white. Pkt. 10c., 40c. per oz.

184 **Rocket**. Pure White. Pkt. 5c., 40c. per oz.

185 **Tom Thumb**. White, very dwarf. Pkt. 5c., oz. 40c.

190 **Little Prince**. Very dwarf, compact massive, pure white spikes. Pkt. 10c., 75c. per oz.

191 **Pink**. Pkt. 10c., 30c. per oz.

192 **Crimson**. Pkt. 10c., 30c. per oz.

193 **Purple**. Pkt. 10c., 30c. per oz.

186 **Mixed**, all colors. Pkt. 5c., 20c. per oz.

188 **Collection** of 6 annual sorts in separate colors, 25c.

187 **Sempervirens**. Perennial, hardy, white, 10c.

Castor Oil Beans (*See Ricinus*).

174 **Cactus**. Choice mixed. Pkt. 15c.



Centaurea Gymnocarpa.



Centaurea Candidissima.

Centaurea (*Ornamental Foliage Sorts*).

249 **Gymnocarpa**. Fine cut, silvery gray foliage. Pkt. 10c., 500 seeds 30c., 1,000 seeds 50c.

250 **Candidissima**. Splendid silvery, broad-cut leaves; one foot high. Pkt. 10c., 1,000 seeds 75c., 500 seeds 40c.



Marguerite Carnation

CARNATIONS

230 New Marguerite Excelsior.

The best of this class. They bloom the first season from seed, and perpetually during the summer months. Of the most varied and beautiful colors. Pkt. 15c.; 4 pkts. for 50c.

231 Marguerite. Choice Mixed Double. Pkt. 10c.; ½ oz. 30c.

232 Marguerite Yellow. Pkt. 10c.

233 Marguerite Snowflake (White). Pkt. 10c.; ½ oz. 30c.

234 Finest German. Mixed. Pkt. 25c.

235 Very Early Vienna. Mixed. Pkt. 10c.

236 Fine Mixed. Pkt. 5c.; 30c. per ¼ oz.



Michell's Giant Prize Cineraria

CINERARIA

270 Dwarf Giant Prize. Mixed; all colors; best sort as a pot plant. Pkt 35c.; 75c. per pkt. of 500 seeds.

280 Tall Giant Prize. Mixed; desirable to grow as a decorative plant, also for cutting. Pkt. 35c.; 75c. per pkt. of 500 seeds.

278 James' Giant Strain. Half dwarf, mixed. Pkt. 50c.

276 Prize Crimson. Half dwarf. Pkt. 40c.

277 Prize White. Half dwarf. Pkt. 40c.

285 Prize Blue. Half dwarf. Pkt. 40c.

281 Choice Mixed Hybrid. All colors. Pkt. 35c.

297 Sutton's "Superb". Mixed colors, extra large, fancy. Pkt. 60c.

282 Stella (Sutton's) New. Choice Mixed. Pkt. 60c.

283 Choicest Double Mixed. Beautiful. Pkt. 50c.

284 Maritima Andissima. White foliage, for borders. Pkt. 10c.

CYPRESS VINE A favorite climbing vine

293 White. Pkt. 5c.; oz. 25c.

294 Scarlet. Pkt. 5c.; oz. 25c.

295 Mixed. Pkt. 5c.; oz. 25c.



Michell's Calceolaria

CALCEOLARIA

An ornamental plant, a universal favorite for decorating the greenhouse or conservatory.

218 James' Superb Strain. Superfine mixed. Pkt. 50c.

214 Hybrida Grandiflora, Tall, Mixed. Large flowering, completely covered with beautiful, rich, self-colored flowers: saved from choice collections; all colors. Pkt. 25c.

216 Hybrida Grandiflora Pumila Compacta. Dwarf, compact, robust growth, producing immense trusses of large and varied brilliant self colored and spotted flowers. 1 foot high. Pkt. 40c.

217 Rugosa, Mixed (Shrubby). For bedding; the finest colors. Pkt. 50c.

215 Sutton's "Perfection". Very choice mixed. Per orig. pkt. 90c

254 CENTROSEMA GRANDIFLORA

(Butterfly Pea)

A hardy perennial vine of rare and exquisite beauty. It blooms in June from seed sown in April, and bears profusely large inverted pea-shaped flowers, ranging in color from rosy violet to purple with a broad, feathered, white marking through the centre and of a delightful odor. Well adapted for every garden purpose, especially as a climber. Pkt. 10c.; 3 pkts. 25c.



Giant Paris Daisy

Chrysanthemum

(Paris Daisies or Marguerites).

Showy and effective garden favorites extensively grown for cut flowers.

2310 Princess Henry. The finest of all giant white Paris Daisies. 15c. per pkt.: 4 pkts. for 50c.

259 New Large White "Perfection". Flowers nearly 5 inches across, beautiful. Pkt. 15c.; 2 pkts. 25c.

271 Burridgeanum Eclipse. Crimson with white edge, and inner white circle. Pkt. 5c.

272 Frutescens Grandiflorum. The popular White Paris Daisy. Pkt. 10c.

273 Segutum Grandiflorum. Yellow Paris Daisy. Pkt. 10c.

290 Choice Mixed. All colors. Pkt. 5c.

275 Large Flowering Autumn Varieties. Including Japanese and Chinese. Pkt. 15c.



Mitchell's Giant Flowering.

COSMOS

An autumn flowering plant. The flowers are borne profusely, and present a charming appearance. Seed should be sown early in spring and the plants transplanted in the open border when danger from frost is passed. Bloom more freely in poor soil.

- 263 **Giant Rainbow.** Frilled, all colors mixed. Pkt. 10c.; 25c. 3 pkts.
 257 **"Dawn."** New dwarf early flowering. White and pink. Pkt. 10c.; 30c. 1/2 oz.
 262 **Dwarf Early Choice Mixed.** Pkt. 10c.; 25c. 1/2 oz.
 258 **White Mammoth Flowering.** Pkt. 10c.; 20c. 1/2 oz.
 259 **Pink Mammoth Flowering.** Pkt. 10c.; 20c. 1/2 oz.
 260 **Crimson Mammoth Flowering.** Pkt. 10c.; 20c. 1/2 oz.
 255 **Orange Mammoth Flowering.** Pkt. 10c.; 20c. 1/2 oz.
 261 **Choice Mixed Mammoth Flowering.** Pkt. 5c.; 20c. 1/2 oz.
 256 **Fancy Varieties.** The very largest flowering mixed. Pkt. 10c.; 30c. 1/2 oz.

COBCEA SCANDENS

A climber of rapid growth, flowering the first season if sown early in the house or hotbed. In sowing place the seeds edge-wise and merely cover them with light soil.

- 305 **Purple.** Pkt. 10c.; oz. 60c.
 306 **White.** Pkt. 15c.

COLEUS

- 244 **Choicest Selection Mammoth Leaved.** Mixed. Pkt. 25c.

CELOSIA OR COCKSCOMB

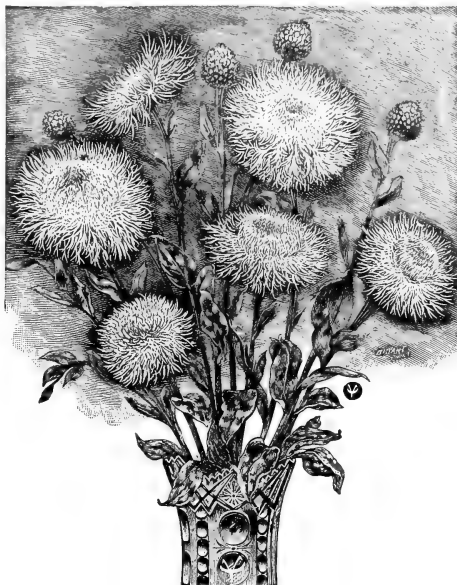
- 219 **Glasgow Prize or Pres. Tilers.** Pkt. 10c.
 220 **New Giant Empress.** Pkt. 10c.
 221 **Plumosa (Feathered).** Dwarf fringed. Pkt. 10c.
 222 **Choice Mixed.** Pkt. 10c.
 223 **"All Aglow."** Extra large heads, most beautiful scarlet color. Pkt. 10c.
 224 **"Paris Pink Comb."** Very desirable and showy. Pkt. 10c.
 225 **Variegated Red and Yellow.** Pkt. 10c.
 229 **Sutton's Prize Dwarf Scarlet Comb.** Pkt. 5c.



Giant Empress Cockscomb



Cobcea Scandens



CENTAUREA IMPERIALIS (NEW GIANT CORN FLOWER)

This is doubtless the best corn flower for cut-flower purposes. Beautiful, sweet-scented and noble-shaped flowers of very large size. The color of the flowers vary in pure white, lilac, rose, purple, dark red and other similar tints. The flowers are supported by strong, long stalks and remain fresh for a long time after being cut. One of the finest of all annuals; easily cultivated, and flowers continually from spring until autumn.

- 307 **Light Pink.** 10c. pkt.; 40c. per 1/2 oz.
 308 **Deep Pink.** 10c. pkt.; 40c. per 1/2 oz.
 309 **Lilac.** 10c. pkt.; 40c. per 1/2 oz.
 307 **Lavender.** 10c. pkt.; 40c. per 1/2 oz.
 303 **Purple (Dark).** 10c. pkt.; 40c. per 1/2 oz.
 300 **White.** 10c. pkt.; 40c. per 1/2 oz.
 318 **Yellow.** 10c. pkt.; 40c. per 1/2 oz.
 304 **Mixed, all Colors.** 10c. pkt.; 40c. per 1/2 oz.

CENTAUREA (Cyanus)

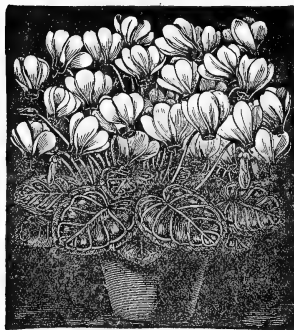
- 286 **Yellow (Suaevolens).** Pkt. 5c.; oz. 25c.
 287 **Emperor William, Single Blue.** Pkt. 5c.; oz. 30c.
 288 **Pure White.** Pkt. 5c.; oz. 30c.
 292 **Pink.** Large flowering. Pkt. 10c.; oz. 30c.
 289 **Choice Mixed.** All colors. Pkt. 5c.; oz. 25c.
 290 **Double Blue.** Pkt. 10c.; oz. 50c.
 291 **New Dwarf Mixed.** Pkt. 10c.
 296 **"Margarita."** New mammoth flowering Corn Flower. The blooms which are snow white measure 3 to 4 inches across and are very fragrant. Pkt. 10c.

CONVOLVULUS MAJOR (MORNING GLORY)

Climbing Varieties

- 326 **Single.** All colors mixed. Pkt. 5c.; oz. 10c.
 327 **Collection of Morning Glory.** Ten varieties, 40c.
 530 **New Double.** All colors mixed. Pkt. 10c.
 544 **New Imperial Japanese, large Flowering Morning Glory.** Exceedingly vigorous in growth, decorative in foliage. The flowers are nearly always of immense size, frequently six inches across, and mostly all of entirely new colors, such as ashy grays, bronzy reds, browns, shades of sea green, blues bordered with red, purples marbled with black, whites spotted with blue, flame streaked, marbled, fringed edges, and all of incomparable beauty. Pkt. 10c.; 3 pkts. 25c.; 40c. per oz.
 328 **Dwarf Morning Glory.** Choicest mixed. Pkt. 5c.; 15c. per oz.

Cyclamen Giganteum



Giant Cyclamen

Cyclamen Papilio—Butterfly New

- 349 White. Per pkt. 50c.
 328 Rose. Per pkt. 50c.
 329 Red. Per pkt. 50c.
 336 White with eye. Per pkt. 50c.
 337 Ros. with eye. Per pkt. 50c.
 316 Mixed. Per pkt. 40c.
 320 Cuphea Platycentra. Pkt. 10c.
 343 Cyperus Alternifolius (*Umbrella Plant*). Pkt. 10c.
 268 Cleome Pungens (*Giant Spider Plant*). Rose-colored flowers; the stamens look like spiders' legs; annual; three feet. Pkt. 5c.

- Clematis. Hardy Perennial Climbers. 15 to 20 feet high.
 267 Paniculata Japanese (*Virgin's Bower*). Pkt. 10c.
 265 Flammula (*Virgin's Bower*). Pure white. Pkt. 10c.
 266 Jackmani Type. Large flowering, mixed. Pkt. 20c.

Dahlia

Tuberous-rooted, half-hardy perennials; blooming the first year from seed if sown early. Protect the roots during winter in a dry cellar in sand.

The Single Dahlias from Seed the first season are now very popular.

DOUBLE

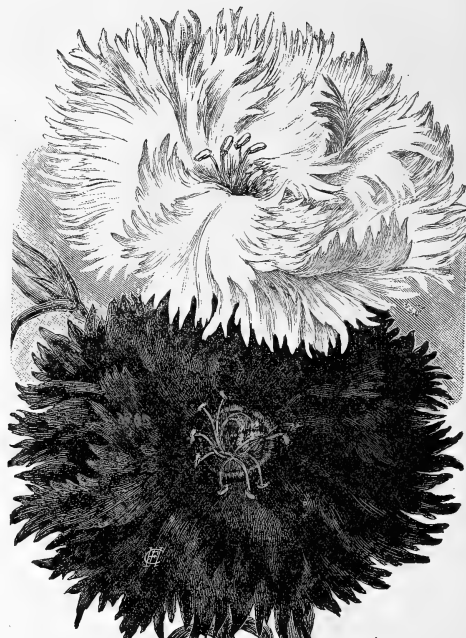
- 330 Large Flowering. Saved from the finest flowers. Mixed. Pkt. 10c.
 335 Cactus Varieties. Mixed. Pkt. 10c.

SINGLE

- 332 Collection of Six Sorts. Each separate. 50c.
 333 Tom Thumb. New varieties in beautiful mixed colors; a highly interesting class of neat, compact and dwarf habit, growing about one foot in height, very free flowering, invaluable for cutting purposes. Pkt. 10c.
 1400 Cactus. Mixed. Pkt. 10c.
 1401 Brilliant Scarlet. Pkt. 10c.
 1402 Golden Yellow. Pkt. 10c.
 1403 Maroon. Pkt. 10c.
 1404 White. Pkt. 10c.
 1405 Striped and Spotted. Pkt. 10c.
 1406 Semi Dwarf. Mixed. Pkt. 10c.
 334 Giant Perfection. Mixed. Pkt. 10c.
 Datura (*Trumpet Flower*). In large clumps and borders of shrubbery they produce an excellent effect, flowering the first year from seed if sown early. Half-hardy perennials, 3 feet high.
 344 Double Golden. Pkt. 5c.
 345 Double Mixed. Pkt. 5c.
 346 Brugmansia. Large white fragrant trumpets. Pkt. 15c.
 347 Cornucopia Variegated. (New) Pkt. 10c.; 25c. 3 pkts.

Beautiful mottled leaves, broad petals and stout flower stalks.

- 309 Rubrum. Red. Pkt. 35c.; \$1.25 100 seeds.
 310 Album. White. Pkt. 35c.; \$1.25 100 seeds.
 311 Roseum. Pink. Pkt. 35c.; \$1.25 100 seeds.
 313 White with Eye. Pkt. 35c.; \$1.25 100 seeds.
 315 Collection of Six Varieties Sutton's Giant. \$2.50
 312 Mixed. Pkt. 25c.; \$1.00 100 seeds.
 314 Persicum. Choice mixed. Pkt. 10c.



New Royal Pink "Nobilis"

Dianthus—Pinks

Classed among the most popular flowers in cultivation; producing a great variety of brilliant colors and profusion of bloom.

- 356 Nobilis New Royal Japanese. Semi-Double. The handsomest species of annual pinks yet introduced. The flowers are much larger than any other variety.
 Choicest Mixed. Pkt. 15c.; 50c. 4 pkts.
 357 Extra Double China. Choice mixed. Pkt. 5c.; 30c. oz.
 358 Choicest Double Diadem or Japan. Mixed colors. Pkt. 10c.; \$1.50 oz.
 359 Large-Flowered Fringed. Double. Pkt. 10c.
 360 Double Pure White. Pkt. 5c.; 50c. oz.
 361 Extra Double Scotch. Hardy. Pkt. 15c.
 362 Single Pheasant's Eye. Hardy. Pkt. 5c.
 363 Garden or Glove Scented. Double. Mixed. Pkt. 10c.
 366 New Oriental. Semi-Double. Choice Mixed. Pkt. 15c.
 364 Collection of China and Japan Dianthus. Single and double. 12 varieties, 40c.
 368 Eastern Queen. Single. Beautifully marbled. Pkt. 10c.
 369 Crimson Belle. Single. Very large, fringed. Pkt. 10c.
 371 Salmon Queen. Single. Pkt. 10c.
 370 Choicest Mixed Single. Large flowering. Pkt. 10c.

Daisy (Bellis Perennis)

Daisies can be easily raised from seed sown in the spring.

- 341 Giant Double. Pure White. Pkt. 35c.
 342 " Mixed. Pkt. 15c.
 338 Snowball. Double White. Pkt. 10c.
 339 Longfellow. Of unusual size, very double dark rose flower. Pkt. 10c.
 340 Mixed. Very choice. Pkt. 10c.

Digitalis (Foxglove)

A handsome hardy perennial.

- 353 Monstrosa (*Mammoth Foxglove*). The largest and best type; all colors mixed. Pkt. 10c.
 354 Gloxiniflora. All colors mixed. Pkt. 5c.

Delphinium (Perennial Larkspur)

Sow very early in spring or in August and September.

- 373 Formosum. Rich blue flowers with a white centre. Pkt. 10c.
 374 Nudicaule. Spikes of bright scarlet flowers. Pkt. 10c.
 376 Zallii. Beautiful sulphur yellow. Pkt. 10c.
 375 Hybrid Mixed. Pkt. 10c. *See also Larkspur.*
 379 DICTAMNUS (*Fraxinella*). Hardy perennial. Pkt. 10c.
 380 DRACÆNA INDIVISA. For vases. Pkt. 10c.; 60c. per oz.
 381 " Australis. Pkt. 10c.; oz. 75c.



Helichrysum (Straw Flower).

Straw Flowers

Everlastings

- 383 *Acroclinium*. Double-flowering. Pkt. 10c.
 384 *Acroclinium*. Single-flowering. Pkt. 5c.
 385 *Ammobium Alatum Grandiflorum*. Pkt. 5c.
 390 *Helichrysum Monstrosum*. Choice mixed. Pkt. 5c.
 391 *Rhodanthe*. Choice mixed. Pkt. 5c.
 392 *Statice Suworowi*. Pkt. 10c.
 393 *Xeranthemum Superb. Fl. Pl.* Mixed. Pkt. 10c.
 394 Collection as above, one pkt. each for 40c.

California Poppies



Eschscholtzia (California Poppy).

- 407 **Golden West**. Magnificent large orange flowers measuring 4 to 6 inches across. 10c. per pkt., 3 pkts. for 25c.
 402 **Orange** (Hardy annual). Pkt. 5c., oz. 20c. | 401 **White**. Pkt. 5c.
 403 **Mandarin**. Hardy annual. Pkt. 10c.
 404 **Cardinal Rose**. Hardy annual. Pkt. 10c.
 405 **Choice Mixed**. Hardy annual. Pkt. 5c., oz. 25c.

- 396 *Echinocystis* (*Climbing Cucumber*). Pkt. 5c., oz. 25c.
 397 *Eupatorium* (*Fraseri*). Hardy perennial, white flowers. Pkt. 10c.
 414 **Fern Seed**. Choice mixed. Pkt. 15c.
 415 " *Adiantum* (*Maiden Hair*). Mixed. 15c. per pkt.
 416 " *Pteris Cretica Alba*. Pkt. 15c.
 417 " " Mixed. Pkt. 15c.
 409 *Euphorbia* [*Variegated Snow on the Mountain*]. Pkt. 5c.
 410 " *Heterophylla* [*Mexican Fire Plant*]. Pkt. 5c.
 422 **Feverfew** [*Matricaria Eximia*]. Hardy annual, eighteen inches.
 413 **Grandiflora**, Double White. Pkt. 10c.
 424 **Freesia** [*Refrada Alba*]. The flowers are pure white with yellow throat, and are exquisitely fragrant. Pkt. 10c.
 419 *Ficus Elastica* (*Rubber Plant*). Pkt. 15c.
 426 **Golden Rod**. Perennial. Pkt. 5c.
 427 **Foxglove**. [See *Digitalis*.]
 428 **Forget-Me-Not**. [See *Myosotis*.]
 426 **Fuchsia** [*Lady's Ear Drop*]. Mixed. All colors. Pkt. 15c.



Gaillardia

Splendid bedding plants, continuing in beauty during the summer and autumn; half-hardy annuals.

- 451 **Picta Mixed**. Pkt. 5c., oz. 20c.
 452 **Picta Lorenziana**. Called the double variety on account of the fullness of the flower. Pkt. 5c., oz. 60c.
Hardy Perennial Gaillardias. Will bloom the first season if sown early.
 454 "**James Kelway**," **New Perpetual Blooming**. A beautiful giant flowering Gaillardia from Europe, with magnificent flowers, measuring five or six inches across, of the brightest scarlet, with a golden margin and fringed edge. Pkt. 15c.
 455 **Grandiflora Compacta**. Choice mixed, dwarf. 10c. per pkt.
 453 **Grandiflora Superba**. The most beautiful of all the Gaillardias; choice mixed, all colors. Pkt. 10c., oz. 75c.

- 433 **Geranium—Zonale, Mixed**. A superb strain of the largest and finest varieties; mixed colors. Pkt. 10c.
 434 **Apple Scented**. Sow in light soil, and keep moist until they germinate. Pkt. 10c.
 436 **Gentiana** [*Blue Gentian*]. A charming hardy perennial. Pkt. 10c.

Gomphrena [*Globe Amaranth Bachelor Button*].

- 388 **Red. Nana Compacta**. Suitable for bedding. Pkt. 5c.

389 **Mixed**. Pkt. 5c.

- 440 **Unaphalium Leontopodium** (*Edelweiss*). This is becoming very popular in this country. Can easily be grown if seed is sown in shallow pans in sandy soil and leaf mould; when large enough transplant into similar soil. Keep cool and moist. Pkt. 15c.

Glaucium [*Horn Poppy*]. An ornamental foliage plant, recurved, silvery leaves, deeply cut to the rib. Flowers are orange yellow, bell-shaped and drooping; is hardy biennial, two feet high.
 447 **Corniculatum**. Pkt. 5c., oz. 50c.

Golden Feather. [See *Pyrethrum*.]

Godetia. An attractive hardy annual. The plants bloom profusely, and bear showy flowers of rich and varied colors.

- 473 **Choice Mixed**. Pkt. 5c.

- 474 **Gloriosa** (New). Satiny blood red. Pkt. 10c.

Gourd [*Cucurbita*].

- 477 **Calabash** [*The Dipper*]. Pkt. 5c.

- 478 **Hercules' Club**. Club-shaped. Pkt. 5c.

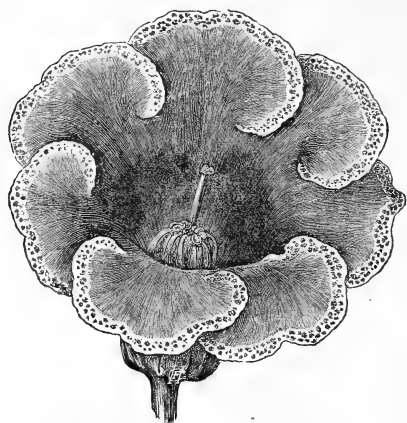
- 479 **Egg-Shaped**. Fruit white like an egg. Pkt. 5c.

- 480 **Orange-Shaped, or Mock Orange**. Pkt. 5c.

- 481 **Luffa** [*Dish Rag or Bonnet Gourd*]. Pkt. 10c.

- 482 **Tricosanthes** [*True Serpent Gourd*]. Pkt. 5c.

- 483 **Fine Mixed**. From a large collection. Pkt. 5c., oz. 20c.



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Gloxinia. (*Grassifolia Grandiflora*.)

442 **International Mixture.** The best strain in existence, embracing all the choicest self and tigered flowers. Pkt. 25c.

500 **Heuchera Sanguinea.** Hardy perennial, bright crimson flowers, foliage light green. Fine for cutting. Pkt. 10c.

485 **Grevillea Robusta.** A very beautiful fernlike plant. Pkt. 10c.

518 **Hunemannia Fumarifolia.** (Yellow Tulip Poppy.) Pkt. 10c.

489 **Gypsophila**
Paniculata. White flowers, hardy perennial; 2 feet. Pkt. 5c.

Hyacinth Bean—(*Dolichos*)

A rapid growing plant for covering arbors, trellises, etc.

520 **Daylight.** Fine, pure white variety. Pkt. 10c.

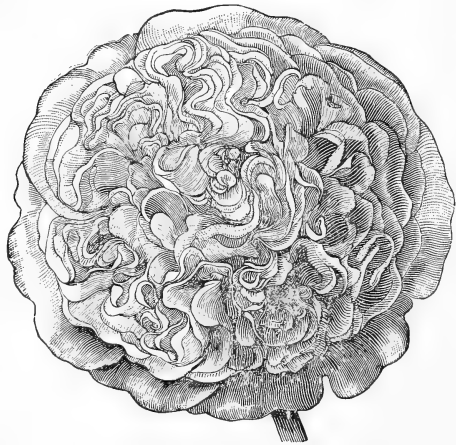
519 **Mixed.** All colors. Pkt. 5c.; 10c. oz.

Ipomœa—(*Large Morning Glory*.)

524 **New Imperial, Mixed.** Pkt. 10c.; 40c. oz.

526 **Grandiflora Superba.** Large blue flower, with broad white border. Pkt. 5c.; 20c. oz.

528 **Mixed.** All colors. Pkt. 5c.; 15c. oz.



Michell's Double Hollyhock

Grasses—Ornamental

Cut when in full bloom, tie in small bunches and hang up in a dry, dark place, with heads down. Sow in May and transplant.

459 **Arundo Donax** (*New Zealand Pampas*). Pkt. 10c.

460 **Avena Sterilis** (*Animated Oats*). Pkt. 5c.

461 **Briza Maxima** (*Quaking or Rattlesnake Grass*). Pkt. 5c.

462 **Bromus Brizaeformis.** Pkt. 5c.

463 **Coix Lachrymæ** (*Job's Tears*). Pkt. 5c.

464 **Eulalia Japonica.** Pkt. 5c.

465 **Gynerium Argenteum** (*Pampas Grass*). Pkt. 10c.

466 **Hordeum Jubatum** (*Squirrel Tail*). Pkt. 5c.

470 **Pennisetum Ruppelianum.** Pkt. 10c.

468 **Stipa Pennata** (*Feather Grass*). Pkt. 10c.

469 The above collection, 1 pkt. of each, 50c.

Heliotrope

Seed sown in the spring will make fine plants for summer blooming.

517 **Giant Hybrids Lemoines.** Produces extra large flower spikes in abundance. Pkt. 15c.; 25c. 2 pkts.

1825 **New Regal.** The finest, large flowering species. Pkt. 15c.; 4 pkts. for 50c.

515 **Mixed.** Pkt. 10c. | 516 **Collection of six sorts.** Pkt. 40c.

Helianthus or Sunflower.



487 **Cut and Come Again.** Single yellow, twisted petals. Pkt. 10c.

488 **Perkeo.** Single, brilliant yellow, black centre. Pkt. 10c.

490 **Polar Star.** Single white, black centre. Pkt. 10c.

492 **Golden Bouquet.** (New Single), Pkt. 10c.

493 **Oscar Wilde.** Single, yellow with black centre. Pkt. 5c.

494 **Dwarf Double.** Pkt. 5c.

495 **Cucumerifolius Single.** Pkt. 5c.

496 **Double Globe.** Pkt. 5c.

497 **Mammoth.** Pkt. 5c.; 10c. oz.

498 **Stella.** Very large, single. Pkt. 10c.

HIBISCUS Perennial.

499 **Golden Bowl.** Giant yellow. Cup-shaped flowers, 7 to 9 inch. in diameter. Pkt. 10c.

501 **Palustris.** Pink. Pkt. 5c. | 502 **Crimson Eye.** Pkt. 10c.

Impatiens Sultanii

523. Of compact neat habit of growth, and almost a perpetual bloomer. The flowers are of a brilliant rosy-scarlet color, about one and one-half inches in diameter. Pkt. 15c.

522 **Impatiens Hybrida.** Choicest mixed of all colors. Pkt. 20c.

Hollyhock

FRINGED PERPETUAL BLOOMING "ALLEGHENY"
(Semi-Double.)

Blooms the first season from seed if sown early. Its points of merit are: The novel shape of the flower and the fringed edges, and its large size, from 5 in. to 7 in. diameter. In addition hereto, the color is something fine, and the appearance of the petals convey the idea that they were made of crushed silk, on account of the delicate colors. The immunity from disease is a good point, and the fact that at each axis are 3 to 4 buds, which all develop, is also a good point; this prolongs the blooming season. They come 90 per cent. true from seed.

510 Choicest mixed of all colors. Pkt. 10c.; 50c. 6 pkts.

513 **Beautiful pink.** Pkt. 15c.

514 **Rich scarlet.** Pkt. 15c.

503 **Maroon.** Pkt. 15c.

Hollyhock—Chater's Improved Double

Our seed has been saved from the best-named varieties. Seed sown in June and July will flower the following summer; hardy.

504 **Pink.** Extra Double. Pkt. 10c.; 40c. ¼ oz.; oz. \$1.25

505 **White.** Extra Double. Pkt. 10c.; 40c. ¼ oz.; oz. \$1.00.

506 **Red.** Extra Double. Pkt. 10c.; 40c. ¼ oz.; oz. \$1.25.

507 **Yellow.** Extra Double. Pkt. 10c.; 40c. ¼ oz.; oz. \$1.25.

509 **Mixed.** Extra Double. Pkt. 10c.; 30c. ¼ oz.; oz. \$1.00.

511 **Chater's Collection.** Twelve colors, each separate, \$1.00.

512 " " Six colors, each color separate, 50c.

521 **Single Mixed.** Improved. Pkt. 10c.; ¼ oz. 30c.

531 **Japanese Hop Vine** (*Humulus japonicus*). A very ornamental and fast growing climbing plant. Undoubtedly one of the best climbers for covering verandas, trellises, etc., never suffering from the heat, but retains its fresh color until late in the summer. Pkt. 10c.

532 **Variegated Japanese Hop Vine**. Pkt. 10c.

535 **Kenilworth Ivy** (*Linaria cymbalaria*). A charming small, neat trailing plant, suitable for baskets, vases, pots and rock work. Pkt. 5c.

Lantana. A most desirable bedding plant, constantly in bloom.

538 **Mixed Colors**. Pkt. 10c.

539 **New Dwarf Mixed**. Pkt. 10c.

Lavender. An aromatic plant, the leaves and flowers of which are dried and used for scenting clothing, rooms, etc.

541 **Blue**. Pkt. 5c.

Larkspur Annual Sorts.

544 **Dwarf Double Rocket**. Mixed colors. Pkt. 5c., oz. 25c.

545 **Tall Stock Flowered**. Mixed colors. Pkt. 5c., oz. 25c.

546 **Sinensis**. Large spikes of bright blue flowers. Pkt. 10c., oz. 60c.

For Perennial Larkspur see *Delphinium*.

Lobelia.

A dwarf plant with delicate, graceful foliage and pretty, fine flowers. For hanging baskets, pot culture or bedding.

548 **Barnard's Perpetual**. One of the finest Lobelias grown.

Brilliant blue flowers, with white blotch. Highly recommended for pots, vases or bedding. Pkt. 10c., 3 pkts. for 25c.

549 **Crystal Palace Compacta**. A densely compact miniature variety, which, during the summer months, is studded with rich deep blue flowers, forming a perfect ball. Best for borders. Pkt. 10c.

550 **Emperor William**. A very compact variety, with fine, sky-blue flowers. Pkt. 10c.

551 **Crystal Palace Speciosa**. Of trailing growth; flowers of a superb ultramarine blue. Pkt. 10c.

559 **Pumila Splendens** (New). Large purple flowers with large white eye. Pkt. 10c.

558 **Double Flowering**. Compact bushes covered with rich deep blue double flowers. Pkt. 10c.

552 **Royal Purple**. Very rich violet purple. Pkt. 10c.

557 **Goldense**. Rich blue flowers. Yellow foliage. Pkt. 10c.

553 **Gracilis**. A favorite trailing blue sort. Pkt. 5c.

554 **White Gem**. Forms a perfect ball of snow-white flowers; very charming appearance. Pkt. 10c.

556 **Mixed**. All colors. Annual. Pkt. 5c.

555 **Cardinalis** (*Cardinal Flower*). A hardy perennial native variety, with spikes of brilliant scarlet flowers. Pkt. 10c.

561 **Linum** (*Scarlet Flax*). One of the most effective and showy bedding plants; hardy annual; one foot high. Pkt. 5c., oz. 20c.

564 **Lily of the Valley**—*Convallaria Majalis*. Lovely plants, bearing pure white fragrant bell shaped flowers. Pkt. 10c.

565 **Lophospermum Scandens**. Splendid climber. Pkt. 10c.

Lychnis. Handsome plants for massing in beds and borders, blooming the first year if sown early; hardy perennials.

568 **Haageana Mixed**. One foot high. Pkt. 10c.

569 **Haageana Scarlet**. Makes a brilliant effect. Pkt. 10c.

Lupinus. [*Sum Dials*.] The seeds should be sown where they are to bloom, as they do not transplant well.

572 **Mixed**. All colors of annual varieties. Two feet high. Pkt. 5c., oz. 15c.

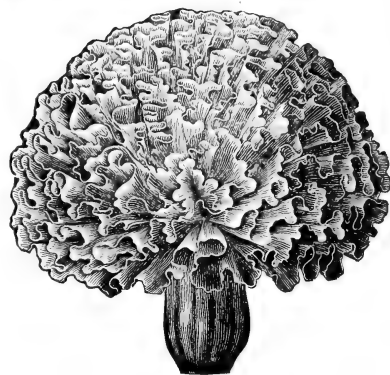
575 **Marvel of Peru** (*Four o'clocks*).—**Choice Mixed**. 5c., 10c. oz. 576 **Mandevillea**. Beautiful yellow fragrant climber. 15c.

592 **Maize**.—**Striped-Leaved Japanese**. An ornamental corn, beautifully striped with green and white. Pkt. 5c., oz. 15c.

Minulus (*Monkey Flower*). Showy, profuse flowering plants. Fine for greenhouse, or moist shady situations.

619 **Tigrinus**, **Choice Mixed**. The finest tigered and spotted varieties, rivaling the Calceolaria in its brightness. Pkt. 5c.

620 **Moschatum** (*Musk Plant*). Fine for hanging baskets, etc., small yellow flowers, fragrant foliage. Pkt. 5c.



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Marigold (*Tagetes*).

587 **Legion of Honour** ("Little Brownie"). Single flowering, six inches high, golden yellow, marked with a large spot of crimson velvet. Pkt. 5c.

589 **Dwarf Striped**. Very choice. Pkt. 10c.

579 **Gold Nugget**. Dwarf. Immense double flowers of a shade of golden yellow, resembling Australian gold. Pkt. 10c. oz. 40c.

580 **El Dorado**. The flowers are three to four inches in diameter, perfectly imbricated and double. Pkt. 10c., oz. 40c.

581 **Lemon Yellow**. Large flowering, very showy. Pkt. 5c.

582 **Large African**. Tall, double, orange brown and yellow mixed. Two feet high. Pkt. 5c., oz. 30c.

583 **Dwarf French**. Mixed; double. 1 ft. high. Pkt. 5c., oz. 40c.

584 **Double Puchra**. The plants grow only twelve inches high; the numerous bright flowers stand out in bold relief. Each flower is perfectly double, of rich golden yellow with deep velvety-brown centre. Pkt. 10c.

585 **Collection Dwarf Marigold**, 6 varieties, 25c.

586 **Collection of Large African Marigolds**, 6 varieties, 25c.

588 **Gold Ring**. Beautiful rich red single flowers with a gold ring around each petal. Pkt. 10c.

See also *Calendula* and *Tagetes*.

Mignonette (*Reseda Odorata*).

626 **Golden Machel**, (New). Large spikes. Pkt. 10c.

627 **Blacket** or **French**. With-

out doubt the best as well as the sweetest sort in existence.

Pkt. 10c., oz. 75c.

628 **Allen's Delance**. The largest of all. Pkt. 10c.

629 **Quaker City**. Pkt. 10c.

630 **Bismark**. Spikes of immense size. Especially showy as a bedding variety outdoors. Compact, strong grower. Pkt. 10c., 3 pkts. 25c.

629 **Bird's Mammoth**. Pkt. 10c. oz. 5c.

530 **Miles Hybrid Spiral**. Of dwarf, branching habit, with spikes from eight

to ten inches long. Pkt. 5c., oz. 50c.

631 **Parson's White**. Large spikes, very fragrant. Pkt. 5c.

633 **Golden Queen**. Very attractive golden yellow. Pkt. 10c., oz. 25c.

634 **Sweet Scented**. Pkt. 5c., oz. 15c.

632 **Gabriele**. Pkt. 10c., oz. 75c.

635 **Grandiflora**. Plants pyramidal. Pkt. 5c., oz. 30c.

637 **Sutton's Giant**. Produces very heavy flower stems. Pkt. 25c.

636 **Collection of Mignonette**, ten varieties. Pkt. 50c.



Bismarck Mignonette.

Maurandia

A most beautiful climber of rapid and slender growth, producing an abundance of pretty, tube-shaped flowers, which continue to bloom until late in fall. Ten feet high.

- 595 **Pink.** Pkt. 10c.
 596 **Barclayana.** Purple. Pkt. 10c.
 597 **White.** Pkt. 10c.
 598 **Mixed.** All colors. Pkt. 10c.

Mesembryanthemum (*Ice Plant*.)

- 602 **Crystallinum, White.** Pkt. 5c.
 603 **Cordifolium Variegatum.** Pkt. 10c.

Moon Flower (*Ipomæa*).

- 527 **Noctiflora.** Blooms the first season from seed. At night and during dull days the plants are covered with an abundance of large, pure white, fragrant flowers, five to six inches in diameter. It grows very rapidly, and will cover a large surface. Pkt. 10c., oz. 60c.
 525 **Nixenauge Blue.** Flowers four to five inches across, in large clusters of light blue with a yellow throat. This climber is so completely covered with bloom as to almost cover the foliage. It is also a splendid conservatory climber. Pkt. 10c.



New Forget-Me-Not "Nixenauge".

Myosotis (*Forget-Me-Not*).

- Neat and beautiful plants; succeed best in a shady situation. Half-hardy perennials, bloom the first year from seed, if sown early.
 618 **Royal Blue.** Handsome variety. Pkt. 10c.
 607 **Alpestris Victoria.** Of bushy habit, bearing large, bright blue flowers. The plant attains a diameter of eight to ten inches, and when fully grown is globular in shape and perfectly covered with flowers. Pkt. 10c., oz. \$3.00.
 608 **Alpestris Cœrulea (Alpine.)** Bright blue. Pkt. 10c.
 609 **Eliza Fanrobert.** The most robust grower; specially adapted for outdoor growing; flowers very large, blue. Pkt. 10c.
 615 **"Nixenauge."** The real Forget Me Not, flowering during the whole summer when other varieties have gone to seed. Beautiful sky blue flowers on long stems. Pkt. 10c.
 613 **Grandiflora Alba.** Pure white variety. Pkt. 10c.
 617 **Fair Maiden.** Rich pink, erect growing. Pkt. 15c.
 610 **Dissitiflora.** Compact habit; pinkish blue. An attractive bedding plant; six inches high. Pkt. 10c.
 611 **Palustris Sempervlorens.** The most desirable sort for cutting or greenhouse use. Pkt. 10c.
 612 **Mixed.** All sorts. Pkt. 5c.

- 643 **Mina Lobata.** Half hardy annual (climber). Pkt. 10c.
 Morning Glory. [See *Convolvulus* and *Ipomæa*.]
 625 **Musa Ensete, Abyssinian Banana.** Pkt. 10 seeds, 25c.

Nierembergia Gracilis. Half-hardy perennial, perpetually in bloom, flowering the first year if sown early; desirable for baskets or vases; one foot high.

- 644 **White.** Tinted with lilac. Pkt. 10c.
 646 **Nicotiana Colossa.** Grows five to six feet in one season. Very desirable for large tropical beds. Pkt. 15c.
 617 **Nicotiana Affinis.** Large white fragrant flowers. Pkt. 5c.
 650 **Nemophila Insignis.** Blue. 5c.
 Nolana. Desirable plants for hanging baskets, bearing bell-shaped flowers. 654 **Mixed.** Pkt. 5c.

Oxalis

Beautiful small plants, suitable for the greenhouse, baskets or outdoor culture; flowering the first year if sown early.

- 661 **Floribunda Rosea.** Very desirable for hanging baskets and vases. Pkt. 10c.
 662 **Mixed.** Pkt. 10c.
 663 **Tropæoloides.** Very desirable border plant, foliage dark copper color. Pkt. 10c., ¼ oz. 50c.

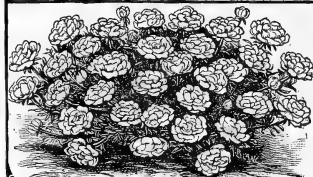
Ecnothera (*Evening Primrose* or *Sun Drops*).

- 658 **Hardy Annual.** Mixed colors. Pkt. 5c.

704 **Perilla (Nank. Atrop. Laciniatus).** Very showy bronze foliage, adapted for large beds. Pkt. 5c.

705 **Pelargonium.** (Lady Washington Geranium). Grand plants for pot culture, colors are rich in the extreme and beautifully marked. Height, 1 to 2 feet. Finest mixed. Pkt. 25c.

Pinks. [See *Dianthus*.]



Portulaca

Must be sown in sandy soil, in a sunny situation.

- 769 **Choicest Mixed Single.** All colors. Pkt. 5c., oz. 35c.
 770 **Choicest Mixed Double.** Pkt. 10c., ½ oz. 50c.

Polyanthus. These rank among the prettiest of plants for borders, rockeries, etc. When once established they grow in any common soil, but they succeed best in rich soil, and a position somewhat moist and shaded.

- 774 **Choicest English Mixed.** Including the gold laced. Pkt. 10c.
 775 **Double Mixed (Rose in Rose).** Pkt. 15c.

Pyrethrum [*Feverfew*].

Yellow Foliage Sorts for Bedding.

- 778 **Aureum [Golden Feather].** Best for edging. Pkt. 10c., oz. 80c.
 779 **Selaginoides [Fern Leaved].** Pkt. 10c.

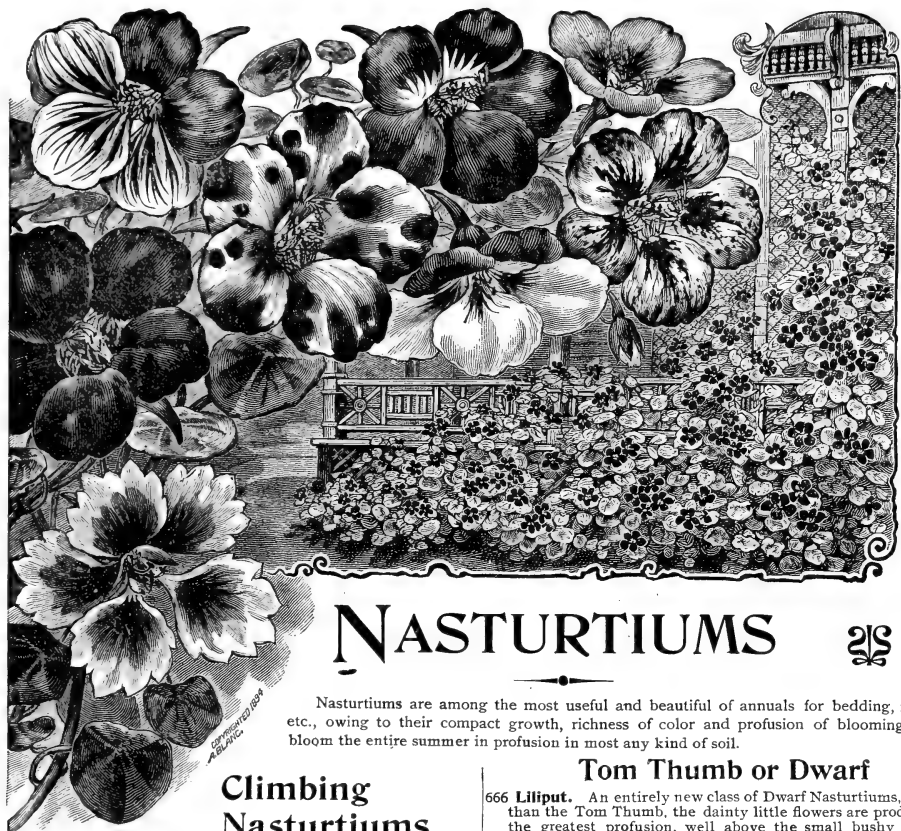
Pyrethrum

Flowering Sorts (Perennial.)

- 780 **Hybridum.** Hardy perennial bearing large flowers ranging in color from light pink to deep red; bright yellow centres; 2 ft. high. Per pkt. 10c., per ¼ oz. 25c.
 783 **Hybridum Double Mixed.** (Handsomes). Pkt. 25c.
 781 **Roseum [Dalmatian, or Persian Insect Powder Plant]** Flowers bright rose, of large size. Pkt. 10c.
 782 **Uliginosum.** Giant white daisy. Pkt. 10c.

Passiflora (*Passion Flower*.)

- 700 **Southern Beauty.** Mixed colors. Climbing. Pkt. 10c.
 701 **Buchani [Tasmania].** Rich Pink. Climbing. Pkt. 15c.
 702 **Coccinea.** Rich scarlet for greenhouse. Climbing. Pkt. 15c.



NASTURTIUMS

NASTURTIUMS



Nasturtiums are among the most useful and beautiful of annuals for bedding, massing, etc., owing to their compact growth, richness of color and profusion of blooming. They bloom the entire summer in profusion in most any kind of soil.

Climbing Nasturtiums

Specially adapted for verandas, vases and hanging baskets. This class is of a trailing or climbing habit.

- 685 **Madam Gunther's Hybrids.** For richness and variety of colors these new hybrids have no equals among Nasturtiums. The foliage is mostly dark, contrasts very effectively with the rich colors. 5c. per pkt., per oz. 20c., 3 ozs. 50c.
 696 **Golden Queen.** (New.) Beautiful. Pkt. 10c.
 686 **Crimson.** Pkt. 5c., oz. 20c.
 687 **Violet.** Pkt. 5c., oz. 20c.
 688 **Straw-Colored Striped.** Pkt. 5c., oz. 20c.
 689 **Orange.** Pkt. 5c., oz. 20c.
 690 **King Theodore.** Dark foliage and almost black flowers. Pkt. 5c., oz. 25c.
 691 **Scarlet.** Pkt. 5c., oz. 20c.
 692 **Mixed.** All colors. Pkt. 5c., oz. 15c., lb. \$1.00.
 693 **Collection of Climbing Nasturtiums,** 12 varieties 50c.
 694 **Lobbianum, Choice Mixed.** Especially adapted for greenhouse or conservatory. Pkt. 5c., oz. 25c.
 695 **Spitfire, Bright Crimson.** Pkt. 5c., oz. 25c.

New Climbing Nasturtium

- 684 "**Vesuvius.**" The most lively colors of all yet known and admired sorts of *Tropaeolum Majus* are still by far surpassed through this novelty. The color is a dazzling fiery-rose, may be termed the most effective and brilliant of all large flowering Nasturtiums. Pkt. 5c., oz. 25c.

Tom Thumb or Dwarf

- 666 **Liliput.** An entirely new class of Dwarf Nasturtiums, smaller than the Tom Thumb, the dainty little flowers are produced in the greatest profusion, well above the small bushy foliage. Choicest mixture, containing all colors. Pkt. 5c., oz. 25c.
 665 **Vesuvius (Dwarf).** Brilliant salmon pink color. 10c. per pkt.; per oz. 30c.
 670 **Yellow.** Pkt. 5c.; 25c. per oz.
 672 **Spotted.** Pkt. 5c.; 25c. per oz.
 680 **Golden Queen.** Flower of rich yellow, foliage of a golden color. Pkt. 5c.; 25c. per oz.
 667 **Aurora.** A new dwarf. The plant forms a perfect globe and is literally covered with yellow, blotched with crimson flowers, completely hiding the foliage when in full bloom. Pkt. 5c., oz. 25c.
 668 **Ladybird.** A new and distinct sort. The ground color is a rich golden yellow, each petal barred with a broad vein of bright ruby crimson; very showy and charming. Pkt. 5c., oz. 25c.
 669 **Scarlet.** Pkt. 5c., oz. 25c.
 671 **Pearl.** Pkt. 5c., oz. 25c.
 673 **King Theodore.** Almost black. Pkt. 5c., oz. 25c.
 674 **Pink.** Pkt. 5c., oz. 25c.
 675 **Golden King.** Deep golden yellow flowers. Pkt. 5c., oz. 25c.
 676 **Empress of India.** Splendid new dwarf variety, with very dark leaves and crimson flowers. Pkt. 5c., oz. 25c.
 677 **Cloth of Gold.** Beautiful for borders or edging. Foliage bright golden yellow; flowers scarlet. Pkt. 5c., oz. 25c.
 678 **Dwarf or Tom Thumb Mixed.** All colors. Pkt. 5c., oz. 15c., ¼ lb. 30c., lb. \$1.00.
 679 **Collection of Dwarf Nasturtiums,** 12 varieties, each color separate, 50c.



Single Bloom of Michell's Giant Exhibition Pansy

MICHELL'S GIANT PANSIES

- 746 **Michell's Giant Exhibition Pansy, Mixed.** A strain which we have secured from one of the leading pansy specialists in Germany to which we added the cream of the Paris strain, also the choicest to be had from Scotland. It can be relied upon to give flowers of immense size, very heavy texture, and of the most brilliant colors. Per $\frac{1}{4}$ oz. \$1.00; per oz. \$6.00.....\$0.25
- 776 **Masterpiece.** New Giant curled Pansy.....\$0.25
- 768 **New French Large Stained.** Choicest mixed.....\$0.25
- 748 **Bugnot's Giant French Mixed.** Per $\frac{1}{4}$ oz. \$1.00.....\$0.25
- 771 **Peacock.** A striking variety, upper petals beautiful blue, lower petals of a deep claret with white margin.....\$0.25
- 752 **Cassiers and Odier.** Large blotted flowers, mixed.....\$0.25
- 772 **Madame Perret (New).** Giant flowers, wine color.....\$0.25
- 1201 **Giant Prize.** Black-blue.....\$0.25
- 1208 " " King of Blacks.....\$0.25
- 1202 " " Azure blue.....\$0.25
- 747 " " Emperor William.....\$0.25
- 1203 " " Lord Beaconsfield (violet).....\$0.25
- 1204 " " Striped and Mottled.....\$0.25
- 744 " " White with Eye.....\$0.25
- 773 " " Mahogany.....\$0.25
- 743 " " Snow Queen, pure white.....\$0.25
- 745 " " Yellow with Eye.....\$0.25
- 1205 " " Brown and red.....\$0.25
- 1206 " " Red and scarlet.....\$0.25
- 750 **Ne Plus Ultra.** Immense flowers of the most beautiful colors. 3 pkts. 60c.....\$0.25
- 749 **Trimardeau.** Choicest Mixed.....Per oz. \$3.00.....\$0.15
- 755 **Faust.** Black.....\$0.10
- 759 **Yellow Gem.** Pure yellow.....\$0.10
- 756 **Emperor William**.....\$0.10
- 754 **Lord Beaconsfield.** The best rich violet.....\$0.10
- 757 **Belgian Striped**.....\$0.10
- 756 **Havann Brown**.....\$0.10
- 762 **Purple.** Silver edged.....\$0.10
- 760 **Gold Margined**.....\$0.10
- 761 **Silver Edged**.....\$0.10
- 767 **Mahogany Color**.....\$0.10
- 763 **Yellow**.....\$0.10
- 758 **Snow Queen.** Largest white.....\$0.10
- 752 **Very Large Flowering.** Choicest mixed.....\$0.10
- 753 **Choicest Mixed.** First quality.....\$0.10
- 764 **Collection.** Containing 6 pkts., in 6 colors, 40c.....\$0.10
- 767 **Collection.** Containing 12 pkts., in 12 colors, 75c.....\$0.10



Petunia

- 737 **Giants of California Mixed.** Enormous size flowers. Pkt. 25c.
- 739 **Ruffled Giants Mixed.** Beautiful, resembling ruffled lace. Pkt. 25c.
- 230 **Adonis.** Pink, with white throat. Very free flowering. Pkt. 20c.
- 733 **Fringed Grandiflora.** Of dwarf, bushy habit. Brightest colors, mixed. Very choicest strain. 20c. per pkt., \$1.00 per 1/2 oz.
- 734 **Hybrida Nana Compacta Multiflora** ("The Star"). Dwarf habit and profuse bloomer, eight inches high. Pkt. 10c.
- 742 **"snowball."** Pure white, for bedding or pot culture. Pkt. 10c.
- 735 **Very Choice Mixed.** Blotched and striped. Pkt. 10c., oz. \$1.00.
- 736 **Fine Mixed.** All colors Pkt. 5c., oz. 60c.
- 737 **Collection of large-flowering single petunias,** six varieties, 50c.
- 738 **Collection of Large Flowering, single.** Twelve varieties \$1.00.



Double-Fringed Petunia.

- 735 **Double-Fringed and Hybridized.** Selected and hybridized with the greatest of care. Pkt. 25c.; five pkts. \$1.00.
- 740 **Double Pure White.** Pkt. 25c.

Pentstemon

- 706 **Beautiful half hardy, herbaceous plants.** Choice mixed. 20c. per pkt.



phlox

Phlox Drummondii.

A very hardy annual, invaluable for bedding, masses and cut flowers, from its bright colors, which vary from the purest snow white to the deepest blood red, and the unusual length of its blooming season. There is no annual which can compare for beauty, duration of bloom, brilliancy of colors and usefulness to the phlox.

Grandiflora Varieties.

Grown by a Specialist

- 708 **Alba, Pure White.** Excellent for cutting. Pkt. 10c., oz. \$1.00.
 709 **Coccinea.** Scarlet. Pkt. 10c., oz. \$1.00.
 710 **Striped.** Brilliant scarlet striped with white. Pkt. 10c.
 711 **Pink.** Delicate and bright shades. Pkt. 10c.
 712 **Stellata Splendens.** Brilliant red, with large white star. Pkt. 10c.
 715 **Collection** of twelve varieties. Pkt. 75c.
 713 **Choice Mixed.** Contains twenty-five colors. Pkt. 10c., oz. 75c.
 714 **Very Fine Mixed.** Pkt. 5c., oz. 60c.

Dwarf or Compact Varieties.

- 719 **Snowball.** Pure white. Pkt. 10c., ½ oz. 50c.
 720 **Fireball.** Brilliant scarlet. Pkt. 10c., ½ oz. 50c.
 721 **Pink.** Beautiful shade. Pkt. 10c., ½ oz. 50c.
 722 **Scarlet.** Striped with white. Pkt. 10c., ½ oz. 50c.
 716 **Deep Scarlet.** Pkt. 10c.
 707 **Violet with White Eye.** Pkt. 10c.
 717 **Crimson with White Eye.** Pkt. 10c.
 724 **Choice Mixed.** Dwarf. Pkt. 10c., oz. \$2.50.
 723 **Double White.** A profuse bloomer. Pkt. 10c.

Phlox—Other Varieties.

- 729 **Heynholdii, Half Dwarf.** Choicest Mixed. The best for bedding purposes. Pkt. 15c.
 725 **Double Scarlet.** Pkt. 10c.
 726 **Fringed or Star** (Star of Quedlinburg). Mixed. Pkt. 10c.
 727 **Hardy Phlox** (*Phlox Decussata*). These rank among the finest herbaceous perennials for beds and borders; mixture of the finest flowers. Pkt. 10c.
 728 **Double Yellow** (New). Pkt. 10c.



PRIMULA (Chinese Primrose).

- 794 **Michell's Prize Mixture.** The choicest strain ever sent out. Awarded first prizes wherever exhibited. Pkt. 25c.; \$1 per tr. pkt.

- 793 **Rose—Midget or Baby.** Mixed, of pink and white. Blooms the first season, if seed is sown in January or February. Pkt. 15c.
 792 **Rose—Hybrid Polyantha or Fairy.** These beautiful little roses are borne in large clusters, and will flower throughout the summer until frost, from seed sown early in the spring. Flowers are of various colors, most of them double, although a few of them will come semi-double and single. Mixed colors. Pkt. 15c.

PRIMULA CHINENSIS—Continued.

- 795 **Williams' Superb Strain.** The finest English mixture; can be relied upon to produce satisfactory results. Pkt. 40c.
 796 **Kermessina Splendens.** Brilliant red with yellow centre. Pkt. 25c.
 797 **Holborn Blue.** Fully 50 per cent. will come blue. Pkt. 40c.
 798 **Alba Magnifica.** Large white flowers with citron eye. Pkt. 40c.
 799 **Collection** containing eight separate varieties. Pkt. 75c.
 800 **Fern Leaved, Choice Mixed.** Pkt. 25c.

Double Primrose

- 804 **Pure White.** Pkt. 50c. 805 **Choice Mixed.** Pkt. 50c.

Primula—Other Sorts.

- 802 **Cortusoides Sieboldii.** Very handsome pink flowers. Pkt. 25c.
 808 **Floribunda.** Yellow, fragrant. Pkt. 25c.
 809 **Obconica Grandiflora.** White. Pkt. 15c.
 812 **Obconica Grandiflora Fimbriata.** White. Pkt. 15c.
 807 **Obconica Grandiflora.** Pink. Pkt. 15c.
 806 **Obconica Kermessina.** Rich scarlet. Pkt. 20c.
 810 **Forbesi.** Baby Primrose. Pink. Pkt. 25c.
 814 **Stellata** (Star). Sutton's. Mixed. \$1.25 per original pkt.

Hardy Primrose.

- 811 **Primula Veris** (*English Cowslip*). Flowers of different colors, yellow, brown and yellow edged, etc., very fragrant. Pkt. 10c.
 813 **Primula Vulgaris.** Hardy English variety, light canary yellow. Pkt. 10c.

Schizanthus (Butterfly Flower).

- 847 **Papilionaceus Mixed.** One of the finest annuals in cultivation. The flowers are as handsome as some of the orchids, and productive continually. Pkt. 5c.

- Silene (Catchfly).** Adapted for beds, borders or ribbon-gardening; of easy culture, growing in any garden soil; hardy annual; one foot high.

- 861 **Mixed.** Producing charming flowers in profusion. Pkt. 5c.

- 862 **Pendula.** Beautiful pink flowers—excellent for cutting. Pkt. 10c.



Poppy

Showy and ornamental plants with large flowers of brilliant colors. Very attractive in large beds, clumps and mixed borders. They are of very easy culture, and succeed in any garden soil; the seed should be sown where it is to remain, as they do not stand transplanting.

Single Varieties (Annual).

- 835 "Irresistible" (New). One of the grandest semi-double types. Choice mixed. Pkt. 10c.
 826 Maid of the Mist (New). California introduction. Mixed. Pkt. 10c.
 826 Fayal. From the Fayal Islands. Very dwarf and free blooming. Flowers resemble crinkled tissue paper. Pkt. 10c.
 817 Shirley Poppies. These charming poppies are generally single or semi-double. The range of color extends from pure white, through the most delicate shades of pale pink, rose and carmine, to deepest crimson. The blooms, if cut when young, will stand for several days. Pkt. 5c., 50c. per oz.
 834 "Double Shirley". Beautiful, choicest mixed. Pkt. 10c.
 828 Umbrosom. Rich vermilion with a deep shining dark purple spot. Pkt. 5c., oz. 50c.
 819 Danebrog. Flowers of a brilliant scarlet, bearing a silvery white spot on each of the four petals, resembling a cross. Pkt. 5c., oz. 40c.
 827 Iceland Mixed. The colors range from the purest white and yellow to the deepest glowing orange scarlet, and have a delicious fragrance. The profusion of flowers is really astonishing. They are very fine cut flowers and will last a week if cut as soon as they are open. Mixed Colors. Pkt. 10c., three pkts for 25c. Iceland Poppies can also be treated as perennials.
 833 Iceland. Double mixed. New. Pkt. 10c.

ICELAND



Oriental Perennial Poppy.

SINGLE ANNUAL POPPIES.—Continued.

- 831 Tulip Poppy. No adequate idea can be gained of the strikingly beautiful effect presented by a bed or mass of this magnificent poppy when the plants are in full bloom, the color being, even when seen from a distance, of such a glowing scarlet as to perfectly dazzle the eye, suggesting at once a bed of scarlet tulips.
 2351 Miss Sherwood. A handsome variety, white and rose, very desirable and attractive. Pkt. 10c., 50c. per 6 pkts.

Double Varieties (Annual).

- 825 Mikado. Striped Japanese. Very handsome. Pkt. 10c.
 820 Crimson King. Flowers perfectly double and round as a ball. Pkt. 10c.
 815 Giant Peony Flowered Nankin, Yellow. (New). Pkt. 15c.
 821 Snowdrift. Pure snow white, very double, of large size. Pkt. 10c.
 826 Giant Peony Flowered Snowball, White. (New). Pkt. 15c.
 822 Fairy Blush. Very double pink flowers, elegantly fringed. Pkt. 10c.
 823 Peony-flowered. Large and very double; mixed colors. Pkt. 5c., oz. 20c.
 824 Imported Collections of Dwarf Double Poppies, six varieties 25c.

Poppy, Perennial Sorts

- This class of poppies has become one of the most popular flowers of late, so that no garden is complete without them. Seed can be sown early in the spring and they will bloom the first season. Seeds can also be sown in August and September in the open ground and they will bloom early the following summer.
 828 Giant Orange. Pkt. 10c., three for 25c.
 829 Giant Scarlet. Pkt. 10c., three for 25c.
 830 Collection of eight varieties. Each color separate. 40c.
 832 Oriental Hybrids Mixed. Extra choice strain. 10c. per pkt., 3 pkts. for 25c.

Ricinus [Castor Oil Bean].

Stately, strong-growing plants, with very ornamental foliage, particularly well adapted as centre plants of groups of canna's, Japanese maize, caladiums, dahlia, etc. Height, four to fifteen feet.

- 785 Cambodgensis. This new sort grows from six to eight feet high, with large, palm-like leaves of the darkest bronzy maroon; stalk and stem nearly black. Very effective. Pkt. 5c., oz. 30c.
 786 Borboniensis Arboreus. Very large and beautiful foliage; fifteen feet high. Pkt. 5c., oz. 20c.
 787 Gibson or Duchess of Edinburgh. Dwarf branching habit, deep red foliage; five feet high. Pkt. 5c., oz. 25c.
 788 Sanguineus. Blood-red stalks and clusters of red fruit; eight feet high. Pkt. 5c., oz. 20c.
 790 Mixed. All sorts. Pkt. 5c., oz. 15c.
 789 Zanzibariensis. Stately, plants attain a great size. Very ornamental. Foliage dark and light colors. Pkt. 5c., 20c. per oz.
 791 Philippiensis. Very tall, 10 feet. Pkt. 5c., 15c. per oz.

- 784 Rudbeckia Bicolor Superba (New Ox-Eye Daisy). 2 feet high, flowers yellow with a brown disc in centre. Excellent for cutting. Pkt. 10c., 3 pkts. 25c.
 2400 Newmanni. Hardy perennial. Bright yellow, black centre. Pkt. 10c.

Solanum (Jerusalem Cherry).

A very ornamental pot plant for winter decoration, of dwarf branching habit; bearing in the greatest profusion bright scarlet globular berries.
 866 Hendersonii. Pkt. 10c.

Sensitive Plant (Mimosa Pudica).

850 Curious and interesting plants, with pinkish-white flowers; the leaves close and droop when touched or shaken; they require a mixed soil of peat, loam and sand. Pkt. 5c.



Ricinus Cambodgensis (Castor Oil Bean).

Castor Bean




Scarlet Sage


Salvia (Scarlet Sage).

A favorite bedding plant, bearing long spikes of flowers in great profusion from July to October; half-hardy perennials, blooming the first year from seed; three feet high.

836 **Splendens** (*Scarlet Sage*). Bright Scarlet Pkt. 10c., ¼ oz. 50c.

837 **Coccinea**. Very free flowering, brilliant scarlet. Pkt. 5c.

838 **Clara Bedman** (*New Dwarf*). One of the showiest and most brilliant in existence; its habit is very dwarf and has twice as many flowers on the plant at one time as Splendens. Pkt. 10c., ½ oz. 30c.

839 **Patens**. Rich blue. Pkt. 15c.

840 **Bonfire**. The finest yet introduced, very compact, only 2 ½ ft. high, produces very large scarlet flowers. Pkt. 10c., ½ oz. 40c.

841 **Silver Spot** (*New*). Dwarf compact plants, brilliant scarlet flowers, and most beautiful variegated foliage, each leaf bearing a silver like spot. Pkt. 15c.

See also Novelty pages for the newest Scarlet Sage.

STRAWBERRY. (*Trailing*).

412 **Indica**. These are very interesting and attractive plants, producing fruit similar in shape and color to a strawberry. Very desirable as a greenhouse plant. Per pkt. 10c.

STREPTOCARPUS.

865 **Veitch's New Hybrid Mixed**. Beautiful greenhouse perennials of dwarf, neat habit. Seedlings produce from two to five blooms on a stem the first season. Pkt. 25c.

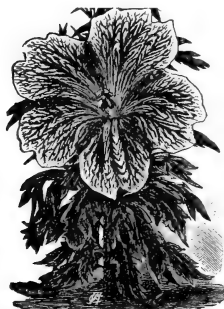
871 **Sweet Rocket, Mixed**. Hardy perennial. Pkt. 5c.

STREPTOSOLEN JAMESONI.

860 Greenhouse plant of great value and easy culture, bears bright orange colored flowers. Pkt. 15c.

SAINTPAULIA IONANTHA.

875 Beautiful greenhouse plants resembling violets both in color and shape. Pkt. 25c.



Salpiglossis "Emperor".

Salpiglossis.

A class of highly ornamental autumn flowering plants with beautifully veined and tinted funnel-shaped flowers similar to a fancy Petunia, rendering them very effective in beds and borders. A very choice annual, 18 inches high.

842 **Grandiflora**. Fine mixture of new large flowering varieties. Pkt. 5c.

843 **Collection** of six separate colors of the large flowering varieties. Pkt. 30c.

844 **Emperor** (*New*). The very handsomest yet introduced. Choicest mixed colors. Pkt. 15c.

Smilax

858 Soak the seed for twenty-four hours in warm water before sowing. Pkt. 10c., ½ oz. 50c., lb. \$3.00.

Stevia Serrata

864 Free-blooming plant, bearing a multitude of fragrant white flowers; suitable for summer or winter blooming. Pkt. 10c.

Scabiosa (*Mourning Bride*).

One of the handsomest summer plants, producing in great profusion very double flowers in a variety of shades and colors; a splendid flower for table bouquets; hardy annuals.

877 **Grandiflora** (*New*). Enormous size, very double flowers of brilliant colors. Mixed 10c. per pkt., 3 pkts. for 25c.

884 **Caucasica**. One of the handsomest of hardy perennials, especially valuable for cutting, the blooms lasting a long time in water; lilac-blue; 3 feet. Pkt. 10c.

883 **Dwarf Mixed**. Double, all colors, one foot high. Pkt. 5c., ½ oz. 25c.

878 **Double White**. Pkt. 5c., ½ oz. 25c.

879 **Double Blue**. Pkt. 5c., ½ oz. 30c.

880 **Double Pink**. Pkt. 5c., ½ oz. 30c.

881 **Double Red**. Pkt. 5c., ½ oz. 30c. | 882 **Double Yellow**. Pkt. 5c.

STOCKS



STOCKS

Stocks

885 **Princess Alice** (*Cut and Come Again*). Perpetual blooming, growing about two feet high. If sown early, it commences blooming in June and continues until destroyed by frost. It throws out numerous side branches bearing clusters of very double, pure white fragrant blossoms, and is excellent for cutting. Pkt. 10c., ½ oz. 50c.

Ten-Week Stocks (*Large-flowering Dwarf Sorts*.)

Very desirable as a pot plant or for outdoors. The seed we send out is from pot-grown plants, therefore will produce at least seventy per cent. of large double flowers. For early flowering, start the seeds in a greenhouse or hotbed, and transplant into the garden in May after all danger of frost is over.

886 **Yellow**. Pkt. 10c., ½ oz. 50c.

887 **White**. Pkt. 10c., ½ oz. 50c.

888 **Blood-Red**. Pkt. 10c., ½ oz. 50c.

889 **Blue and Purple**. Pkt. 10c., ½ oz. 50c.

890 **Pink**. Pkt. 10c., ½ oz. 50c.

895 **Mixed**. All colors. Pkt. 10c., ½ oz. 50c.

891 **Snowflake**. Best white for pot culture. Pkt. 15c.

892 **Wallflower-leaved, Mixed**. Pkt. 10c.

897 **Wallflower-leaved, White**. Pkt. 10c.

899 **Wallflower-leaved, Blood-Red**. Pkt. 10c.

899 **Intermediate Blooming**. Choice mixed. Pkt. 10c.

900 **Winter or Brompton, Mixed**. Pkt. 10c.

896 **Collection** of eight varieties; ten-week stocks. Pkt. 50c.

Virginian Stock

898 **Mixed**. All colors. Pkt. 5c.

Sweet William (*Dianthus Barbatus*).

A well known plant which has been greatly improved of late years producing splendid effect in beds and shrubbery; hardy perennial; 1 ½ feet high.

867 **Auricula-flowered, Mixed**. A beautiful class of "eyed" single varieties, all colors. Pkt. 5c., ½ oz. 40c.

868 **Double Mixed Giant**. The handsomest strain on the market. All double flowers. Pkt. 10c., \$1.00 per oz.

Sweet Sultan

873 **Choice Mixed**. Pkt. 5c., ½ oz. 25c.

**New
Crop**



MICHELL'S

GILT EDGE

SWEET PEAS

IN MIXTURE

NOT the ordinary *Mixed Sweet Peas* usually sent out, but something especially fine and sure to please the horticultural expert, who is always trying to produce flowers better than his neighbor. Begin right, get the proper seed where you can rely upon the results which follow. Our mixture is made up of over a hundred varieties. We are careful to omit all the undesirable colors. They are all the long stemmed sorts, which you can readily put in bunches.

Price of Mitchell's Gilt Edge Sweet Pea Mixture

Per packet	5c.	Per 5 pounds	\$2.50
" ounce	10c.	" 10 "	4.50
" ¼ pound	20c.	" 25 "	10.00
" pound	60c.	" 100 "	37.50

**The separate colors in Sweet Peas
are offered on the back of
the color plate.**



MICHELL'S SILVER
MEDAL
STRAIN
Mammoth Flowering
SWEET PEAS.

See next page.

SPECIAL COLOR PLATE—COLLECTIONS OF LARGE FLOWERING SWEET PEAS.

(SEE OTHER SIDE)

- | | |
|--|---|
| 1. MONARCH. Dark Violet and Purple. | 4. BOREATTON. Dark Maroon. |
| 2. STELLA MORSE. Buff tinted Pink. | 5. COUNTLESS OF RADNOR. Lavender. |
| 3. MRS. JOSEPH CHAMBERLAIN. Rose,
striped white. | 6. PRINCESS LOUISE. Pink and Violet. |

The above Special Collection we can very highly recommend for a fine display and general satisfaction at the following prices: 1. Six Packets, one of each variety, 25c. 2. Six-ounce pkts., one of each variety, 45c. 3. Six ¼-lb. pkgs., one of each variety, 85c. By Mail Postpaid.

OTHER COLLECTIONS OF SWEET PEAS.

915. Containing 20 one-oz. pkts., (20 varieties), each separate, . . . \$1.50.

923. Containing 22 pkts. (22 varieties), each separate, 75c.

1002. Containing 10 pkts. (10 varieties), each separate, 40c.

We also refer you to our general list below for the latest and most satisfactory Sweet Peas, all of new crop and true to name.

MICHELL'S SWEET PEAS.

Those which we offer embrace
the very best varieties only.

Large flowering, long stemmed sorts. Prepare the ground thoroughly by working in a large quantity of well-rotted manure, sow the seed and cover two inches deep.

SEPARATE COLOR VARIETIES.

NOTE.—Where two colors are used to describe a shade, the last named color predominates.

- | | |
|---|--|
| 1005 Aurora. Orange, Rose, Striped on White. | 921 Katharine Tracy. Soft, Clear, Brilliant Pink. |
| 901 Apple Blossom. Crimson Pink, Wings White
Shaded Pink. | 1020 Lady Mary Currie. Bright Orange Pink. |
| 918 Blanche Ferry. Carmine Rose, Wings White
and Pink. | 907 Lottie Eckford. White Edged with Lavender
Blue. |
| 917 Blanche Ferry. Extra Early, two weeks earlier
than above. | 1014 Lovely. Shell Pink. |
| 924 Blanche Burpee. Pure White, hooded form. | 1022 Mars. Bright Red. |
| 902 Boreatton. Dark Maroon, self colored. | 1010 Mrs. Eckford. Best Primrose, Yellow. |
| 1007 Bride of Niagara. Double, Pink and White. | 1004 Mrs. Jos. Chamberlain. Rose Striped White. |
| 903 Cardinal. Bright Red, self colored. | 912 Monarch. Dark Violet and Purple. |
| 1026 Capt. of the Blues. Clear Purple, Wings Blue. | 1019 Navy Blue. Rich Deep Blue. |
| 937 Countess of Radnor. Mauve, Lavender Wings. | 910 Orange Prince. Orange, Salmon and Pink. |
| 1034 Crimson. Very rich shade. | 909 Ovid. Bright Rose Crimson. |
| 1008 Duke of York. Rose Scarlet, Wings Primrose
Shaded Pink. | 1016 Pink Beauty. |
| 1009 Double White. Very choice and reliable. | 919 Princesse Beatrice. Rich Rosy Pink. |
| 1018 Earliest of All. Rose, Wings White and Pink. | 928 Purple Prince. Standard Maroon, Wings
Purple. |
| 904 Emily Henderson. Pure White, one of the best
blooms. | 1024 Prima Donna. Large Flowers, La France Pink. |
| 1027 Emily Eckford. Bright Lilac. | 1023 Queen Victoria. Light Primrose, black seed. |
| 1021 Firefly. Bright Red. | 1006 Royal Rose. Large Crimson Pink, Wings Light
Pink. |
| 1013 Gray Friar. Watered Heliotrope on white ground. | 1028 Sadie Burpee. Largest Pure White. |
| 1021 Her Majesty. Rose Crimson. | 1025 Salopian. Largest and Best Crimson Scarlet. |
| 908 Indigo Blue. Deep Violet. | 1022 Shazada. Deep Maroon and Violet. |
| | 922 Senator. Maroon and Violet, Striped White. |
| | 1017 Stella Morse. Buff Tinted Pink. |

Price of any of the above sorts, 5c. per pkt., per oz. 10c. 25c. per ¼ lb., per pound, 75c.

916. MICHELL'S GILT EDGE MIXTURE.

Made up by ourselves. Contains the finest and brightest colors only.
Pkt. 5c.; 10c. per oz.; per ¼ lb. 20c.; 35c. per ½ lb.; per lb., 60c.; \$2.50 per 5 lbs.
Fine quality mixture (very good). 5c. per pkt.; per ¼ lb. 15c.; 50c. per lb.

DWARF OR CUPID SWEET PEAS.

- 925 **White.** Pkt. 5c.; 10c. per oz.; per ¼ lb. 25c.;
75c. per lb.
1012 **Pink.** Pkt. 5c.; 10c. per oz.; per ¼ lb. 25c.; 75c.
per lb.
1031 **Gray Friar.** Heliotrope on White Ground. Pkt.
10c.; 20c. per oz.
1032 **Monarch.** Dark Violet and Purple. Pkt. 10c.;
20c. per oz.
1033 **Senator.** Maroon and Violet. Pkt. 10c.; 20c.
per oz.

EVERLASTING PEAS.

- 920 **Choicest Mixed.** Hardy perennial. Will bloom
the first season if sowed early. Per pkt. 5c.,
per oz. 30c.
1015 **Pure White.** Per pkt. 10c.; per oz. 30c.
299 **Yellow** (Crotolaria Retusa). Per pkt. 10c. 3
pkts. for 25c.

Mitchell's Long Stem
Sweet Peas.

"HOW TO GROW SWEET PEAS."

A Booklet giving
practical informa-
tion and directions
sent free on appli-
cation.



Tagetes (Single Marigold).

A dwarf Globular compact, bushy plant, densely covered with flowers, valuable for borders as well as beds. Half hardy annual.

969 **Pumila Golden Ring.** Orange color. Pkt. 5c.

Torenia

Splendid for vases, hanging baskets or borders out of doors; they are covered until late in the season with one mass of bloom.

970 **Fournieri** — **Princess Helen of Montenegro.** (New). Pkt. 15c.

971 **Fournieri Grandiflora.** Flowers much larger and more showy than Fournieri. Pkt. 10c.

973 **Bailioni.** Flowers bright golden yellow with a brownish red throat. Pkt. 10c.

974 **White Wings.** Pkt. 15c.

Thunbergia (Black Eyed Susan).

Rapid growing climbers, thrive in light, rich soil; very pretty; borne profusely during the season. Fine for vases rustic work, etc.

940 **Alba Oculata.** White, dark eye. Pkt. 5c., oz. 65c.

941 **Alata.** Buff, dark eye. Pkt. 5c., oz. 65c.

942 **Aurantiaca.** Orange, dark eye. Pkt. 5c., oz. 65c.

944 **Mixed.** All colors. Pkt. 5c., oz. 65c.

Tropaeolum. (See *Nasturtium*, page 45).

945 **Valeriana.** Very showy border hardy perennial; growing in any garden soil, doing well in the shade; producing large corymbs of flowers, fine for bouquets. Mixed colors; two feet. Pkt. 5c.

Verbenas.

If sown early in spring they will flower quite early in the season. The seed has been saved from the finest collections.

936 "Elegance." Lavender, white center, very distinct. Pkt. 10c.

928 **White Mammoth.** Pkt. 10c.

929 **Scarlet Mammoth.** Pkt. 10c.

931 **Pink.** Pkt. 10c.

930 **Blue.** With large eye. Pkt. 10c.

927 **Striped.** 10c.

933 **Fine Mixed.** Pkt. 5c., oz. \$1.00.

934 **Michell's Mammoth Choicest Mixed.** These cannot be surpassed for size and color. Pkt. 10c., ½ oz. 50c., oz. \$2.50.

Lemon Verbena.

935 **Aloysia Citriodora.** Fragrant lemon-scented foliage. Pkt. 10c.

Zinnia (Youth and Old Age).

979 **Haageana.** Choicest mixed single. Pkt. 5c.

980 **Improved Pompone.** Differing from older ones in habit of growth and immense size; very double flowers of various striking colors; plants are dwarf and bloom freely for a long period. Pkt. 10c., oz. 60c.

981 **Tom Thumb.** A miniature Zinnia, forming compact, round bushes, six to twelve inches in height and eight to fifteen inches in diameter, covered with flowers of the brightest colors. Pkt. 10c., oz. 75c.

982 **White.** Pure white flowers. Pkt. 10c., oz. 50c.

983 **Striped or Zebra.** Pkt. 10c., oz. 50c.

984 **Robusta Plenissima or Giant.** Flowers five to six inches across, perfectly formed, very double and of striking colors. Pkt. 10c., oz. 50c.

985 **Gen'l Jacqueminot.** Rich crimson, handsome. Pkt. 10c., oz. 75c.

988 **Curled and Crested.** Beautiful new type, all colors, choicest mixed. Pkt. 10c.

986 **Extra Choice Mixed.** Saved from selected double flowers only. Pkt. 5c., oz. 30c.

987 **Collection,** in imported pkts., six separate colors. Pkt. 25c.

Vinca (Madagascar Periwinkle).

946 **Rosea.** Rose, with dark eye. Pkt. 10c., oz. \$1.00.

947 **Alba.** White, with crimson eye. Pkt. 10c., oz. \$1.00.

948 **Alba Pura.** Beautiful pure white. Pkt. 10c., oz. \$1.00.

949 **Mixed.** Pkt. 10c., oz. \$1.00.



Viola Cornuta.

Very desirable for borders or beds to make a solid color effect. Sow seeds early and transplant.

957 "Admiration". Large purple flowers. Pkt. 15c., 30c. ½ oz.

958 "Perfection". Large lavender flowers. Pkt. 15c., 30c. ½ oz.

Violet (Viola Odorata).

Thrives best in a shady situation, in a rich deep soil, hardy perennials.

954 **Single Blue Czar.** Very sweet scented flowers. Pkt. 10c.

955 **Single White.** Very fragrant and free flowering. Pkt. 10c.

956 **Single Mixed.** White and blue. Pkt. 10c.

Wallflower.

964 **Double Yellow.** Pkt. 10c.

965 **Double Dark Brown.** Pkt. 10c.

966 **Single Mixed.** All colors. Pkt. 5c.

961 **Finest Double Mixed.** All colors. Pkt. 10c.

962 **Collection** containing 8 double varieties each separate. Pkt. 50c.

Wild Flower Garden. 966 A mixture of about 100 popular annuals and perennials; will make a good effect wherever sown. Pkt. 5c., oz. 15c., lb. \$1.00.



COPYRIGHTED BY
MICHELL'S (1891)

Michell's Mammoth Flowering Verbena.

935 **Aloysia Citriodora.** Fragrant lemon-scented foliage. Pkt. 10c.



Choicest Mixed Zinnia.

SPECIAL NOTICE.—When ordering plants, please state whether we shall send them by express or freight.

Hardy Climber. **AKEBIA QUINATA.** Chocolate colored, fragrant flowers. Each 25c., \$2.50 per doz.

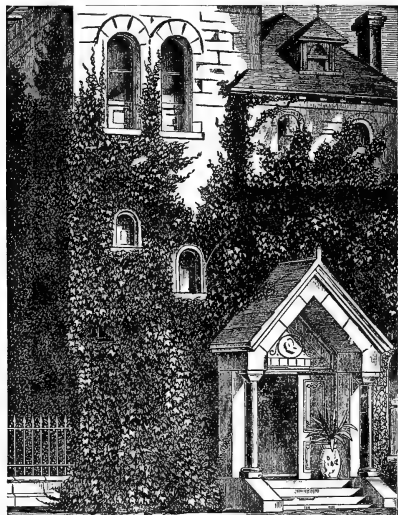
AZALEAS.

All Shades. Each \$1.00, \$1.50, \$2.00, \$2.50.

ALTERNANTHERA (Used for carpet bedding and edging).

Aurea Nana. Bright golden yellow.

Amena Spectabilis. Crimson pink and brown; the finest and brightest. Per doz. 80c.; per 100 \$4.50, per 1,000 \$40.00.



Ampelopsis Veitchii.

AMPELOPSIS VEITCHII (*Japanese or Boston Ivy*).

Perfectly hardy, of Japanese origin. It grows as rapidly as the old Virginia Creeper, and attains a height of fifty feet. It clings firmly to any wall, tree, etc. Two-year-old plants, each 25c., per doz. \$2.50, per 100 \$12.00; one-year-old strong young plants, per doz. \$1.50, per 100 \$9.00.

AMPELOPSIS QUINQUEFOLIA (*Virginia Creeper*).

The old variety; strong plants. Each 25c., per doz. \$2.50.

ARISTOLOCHIA SIPHO (*Dutchman's Pipe*).

A strong growing vine, flowers of a brownish color; large plants. Each 50c., per doz. \$5.00.

ABUTILONS.

Each 10c., per doz. \$1.00.

ANEPTONES (*Hardy Wind Flowers*).

Named Sorts. Each 15c., per doz. \$1.50.

ACALYPHA MACAFAENA.

A beautiful variegated foliage bedding plant; can be used for ornamental and sub-tropical bedding. Each 15c., per doz., \$1.50, per 100 \$7.00.

ASPARAGUS PLUMOSUS NANUS.

Strong plants. Each 25c. to 50c.; per doz. \$2.50 to \$5.00.

Asparagus Sprengeri (New). Each 25c., per doz. \$2.50.

AQUILEGIA (*Columbine*).

Separate Varieties. Each 15c., per doz. \$1.50.

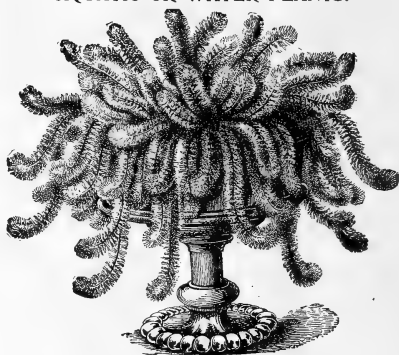
BIGNONIA (*Trumpet Creeper*).

Grandiflora. Large flowering variety. Each 50c., per doz. \$5.00.

Radicans. Small flowering variety. Each 25c., per doz. \$2.50.

A M P E L O P S I S

AQUATIC OR WATER PLANTS.



PARROT'S FEATHER. An aquatic hanging plant, a novelty indeed. Each 15c., per doz. \$1.50.

WATER HYACINTHS. Strong plants. Each 15c. Per doz. \$1.50.

WATER LILIES.

Nelumbium Speciosum (Egyptian Lotus). This grand lotus is perfectly hardy. The flowers when just expanding are pink. Each 75c. and \$1.50.

Nymphaea Alba Candidissima. This is a large flowered variety. Each 75c.

Odorata Gigantea. This is a superb variety. Each 50c., doz. \$5.00.

Odorata Rosea (Cape Cod Water Lily). Pink, hardy. Each 50c.

Odorata Sulphurea. One of the very best yellow water lilies. 50c.

Zanzibarensis Azurea. Deep rich azure blue. Each 50c.

Rosea. The flowers are a beautiful deep rose color. Each 50c.

Dentata. The largest and best white. Each 50c.

Devoniensis. The flowers are a brilliant rosy red. Each 50c.

BOUVARDIAS.

White, Pink, Red. Each 20c., per doz. \$2.00.

COLEUS.

Golden Bedder. Per doz. 75c., per 100 \$4.50, per 1,000 \$40.00.

Queen Victoria. Per doz. 75c., per 100 \$4.50, per 1,000 \$40.00.

Vershafieldti. Per doz. 75c., per 100 \$4.50, per 1,000 \$40.00.

Also all other leading sorts.

CARNATIONS.

Varieties of special merit.

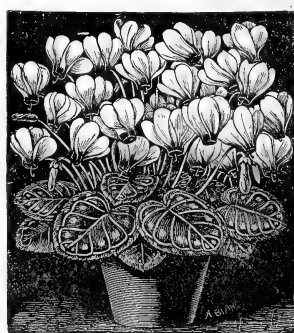
We have made arrangements with the best growers to furnish us strong and healthy rooted cuttings early in the spring.

Pink. Wm. Scott, Nelson, Melba, Joost, Lawson, Crocker Marquis.

White. Flora Hill, Queen Louise, White Cloud, Lorna, Peru.

Yellow. Major Pingree, Eldorado, Gold Nugget, Buttercup.

Scarlet. Roosevelt, America, Mrs. Crane, Estelle.



Variegated. Olympia,

Armazinda, Mrs. Geo.

M. Bradt.

Dark Red. Empress,

Meteor, Maceo, Go-

mez.

Price of the above stand-

ard varieties, strong

rooted cuttings, per

doz. \$1.00, per 100

\$6.00. (See also Nov-

elties.)

CYCLAMEN

GIGANTEUM.

The very finest large

flowering varieties.

Each 30c., per doz.

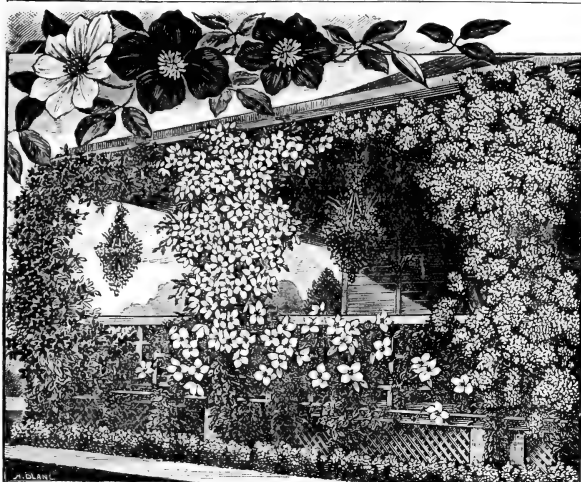
\$3.00.

Extra fine large speci-

men plants. Each

50c. to \$1.00, accord-

ing to size.



Clematis.

Clematis.

HARDY PERENNIAL CLIMBERS.

Our stock of these is extra fine, grown by a specialist, and will give good results immediately.

LARGE FLOWERING VARIETIES.

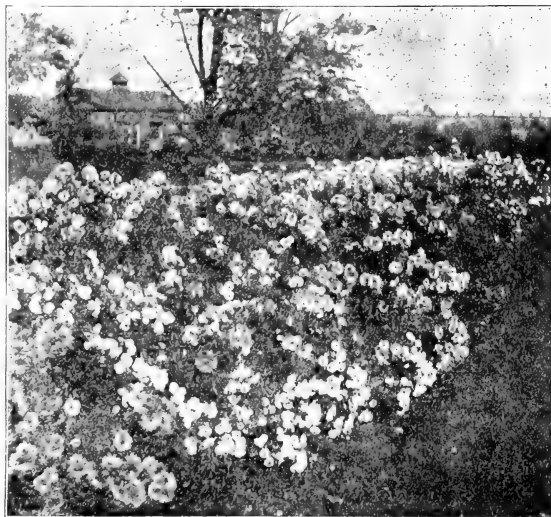
Alexandra. Pale reddish violet.
Andre LeRoy. Lavender.
Belle of Woking. Double purple, free bloomer.
Duchess of Edinburgh. Double pure white, fragrant.
Gypsy Queen. Dark velvety purple.
Henryii. Creamy white.
Jackmanii. Violet purple.
Madame Edouard Andre. Deep Crimson.
Madame Baron Veillard. Pinkish lilac.
Seiboldii, or Ramona. Dark lavender.

Strong two-year-old plants in pots, 50c. each, \$5.00 per doz.

SMALL FLOWERING CLEMATIS.

Davidiana. Deep lavender.
Flamula. Is covered with fragrant white flowers.
Graveolens. The best of the yellows.
Paniculata. This is a new Japanese, pure white flowers of most pleasing fragrance.
Coccinea. Thick bell shaped scarlet flowers.
 Strong two-year-old plants 25c. each, \$2.50 per doz.

NOTICE: We can also supply all other varieties of Clematis.



Photograph of Hardy Chrysanthemums, in bloom on the grounds of Sam'l T. Bodine, Esq., Villanova, Pa. Plants furnished by us. (Francis Canning, Gardener.) (See testimonial)

Hardy Pompone Chrysanthemum.

These are very desirable perennials either for using as cut flowers or massing in groups, blooming continuously until damaged by frost. Below is a very good selection of only the best varieties.

Pink.	White.	Yellow.	Crimson.	Bronze.
Ben Hur	Thalia	Tiber	President	Brown Bessie
Blushing Bride	Flag of Truce	Yeave Clicquets	Regulus	Fred Peale
Elegans	Mar d of Kent	Golden Nuggett		Julia Lagravere
Sant Illario	Prince of Wales	Globe d'Or		Gold Finch
				Princess Louise
				Sunlight

Special Chrysanthemum Culture free with the entire collection of 20 sorts for \$1.50, or strong plants 10c. each; per doz. \$1.00; \$6.00 per 100.

Chrysanthemums

Best Large Flowering Varieties.

Best Pink VARIETIES

Autumn Glory
 Glory de Pacific
 Helen Bloodgood
 Katharine L'ech
 Lady Harriet
 Maud Dean
 Mrs. Potter
 Mrs. Perrin
 Mrs. Geo. C. Jenkins
 Vivian Morel

Best Yellow VARIETIES

E. Dalleouze
 Golden Wedding
 Gold Mine
 Pennsylvania
 R. Hooper Pearson
 Mrs. Trenor L. Park
 Miss G. Pitcher
 Modesto
 Col. Appleton
 Nagoya
 M'j. Bounafon
 H. W. Rieman
 Chas. Davis

Best Crimson VARIETIES

Black Hawk
 Cullingfordi
 Geo. W. Childs
 John Shrimpton
 Itcastay

Best White VARIETIES

Lady Fitzwygram
 Merry Christmas
 Mrs. Jerome Jones
 Mrs. H. Robinson
 Philadelphia
 Silver Cloud
 Polly Rose
 Ivory
 Fee du Champsaur
 Eureka
 Mrs. H. Weeks
 Western King
 Md'le Lucie Faure
 Wm. H. Chadwick
 Timothy Eaton

Best Bronze VARIETIES

Barrington
 Rustique
 W. L. Elkins

Strong, healthy, young plants from 2 1/2 in. pots.
 Ready March 15th.
 Per doz. \$1.50; per 100 \$8.00.

TESTIMONIAL.

I wish to tell you of the elegant success we had with the Hardy Chrysanthemums purchased of you last spring. The range of colors was magnificent. I consider them an indispensable fall-flowering perennial. Yours respectfully,

F. CANNING.

COREOPSIS

Lanceolata Grandiflora. A very fine perennial bearing a profusion of golden yellow flowers, strong clumps. 15c. each; doz. \$1.50.

COBEA SCANDENS

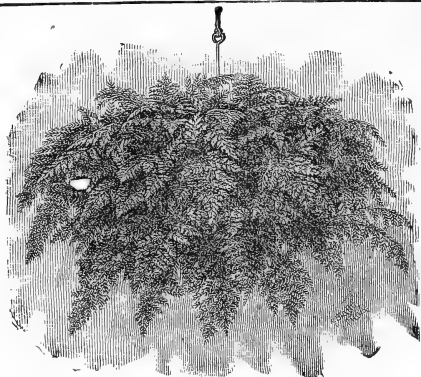
An annual climber, blue flowers, strong plants. 20c. each; doz. \$2.00.

DELPHINIUM (*Hardy Larkspur*)

Chinensis. A handsome variety varying in color from light blue to almost white. 15c. each; per doz. \$1.50.

Formosum. The most popular sort. Large spikes of a deep blue color with white eye. 15c. each; per doz. \$1.50.

Sulphureum. A distinct variety of a pure sulphur yellow color. 25c. each; per doz. \$2.50.



Japanese Fern Ball in Foliage

JAPANESE FERN BALLS (*Dormant*).

A very attractive novelty. Extra large balls. 50c. each; doz. \$5.00.

FERNS

The best sorts for fern dishes, rock work, etc. 2½ in. pots. \$1.00 per doz.; per 100 \$6.00; 3 in. pots, \$1.25 doz.; per 100 \$9.00.

GERANIUMS

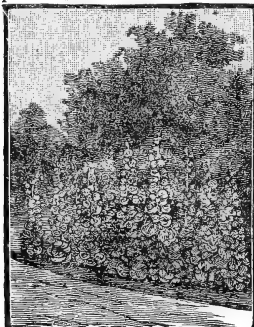
All the best and most satisfactory bedding varieties. \$1.25 per doz.; \$9.00 per 100; \$75.00 per 1000.

Let us quote you special **LOW** prices on all bedding plants. Best quality only.

HELIANTHUS (*Sunflower*)

Multiflorus fl. pl. (Double Hardy Sunflower). An extremely useful, hardy plant; bears profusely large double flowers of a bright yellow. Each 15c.; per doz. \$1.50.

Maximiliana. Large single golden yellow flowers. Each 15c.; per doz. \$1.50.



A Bed of Hollyhocks

HONEYSUCKLE

(*Woodbine*)

Halliana. Flowers pure white, turning to yellow. Fragrant, hardy evergreen; flowers freely.

Variiegated. Foliage beautifully mottled yellow and green, strong plants 25c. each; per doz. \$2.50. Extra large plants 50c. each; per doz. \$5.00.

HOLLYHOCKS

(*Chater's Double*)

Strong Plants. Will bloom the first season. White, Yellow, Pink, Scarlet, each 20c.; per doz. \$2.00.

Mixed. 15c. ea.; doz. \$1.50.

GAILLARDIA GRANDIFLORA

Hardy perennial; begin to flower in June and continue the entire season. The flowers are large, from 2½ to 3½ inches in diameter, produced on long stems, excellent for cutting. **Strong Clumps,** for immediate effect, 15c. each; \$1.50 per doz.; \$10.00 per 100. Strong young plants which will flower freely this summer, 10c. each; \$1.00 per doz.; \$8.00 per 100.

Gnaphalium Leontopodium Alpinum (*Edelweiss*)

A favorite perennial, native of the Mountains of Switzerland. 20c. each; per doz. \$2.00.



(*Japanese Iris*)

IRIS KAEMPFERI (*Japanese*)

Named Varieties. The very best. Per clump, 25c.; \$2.50 per doz.

Mixed. All colors. Per clump, 15c.; \$1.50 per doz.

Hydrangea

Paniculata Grandiflora. The popular hardy Hydrangea. Strong plants, each 25c.; doz. \$2.50; extra large plants, each 50c.; \$5.00 per doz.

Otakusa. A beautiful Japanese variety, producing immense pink flowers; extra large plants, 50c. each; per doz. \$5.00.

Hortensis. Blue large flowering 25c. each; per doz. \$2.50; extra large plants 50c. each; per doz. \$5.00.

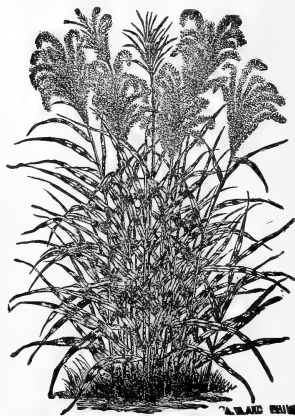
P. S.—The last two named varieties require protection during winter.

HARDY GRASSES

Arundo Donax (Great Reed). A magnificent variety, growing to a height of 15 feet, and forming dense clumps. 25c. each; per doz. \$2.50.

Arundo Donax Variegata. A beautiful variegated form of the above. Foliage creamy-white and green; growing 6 to 8 feet high. 25c. each; per doz. \$2.50.

Eulalia Gracillima Univittata. Of compact habit, with very narrow foliage; of a bright green color, with a silvery midrib. 25c. each; \$2.50 per doz.; extra large clumps, 50c. each; per doz. \$5.00.



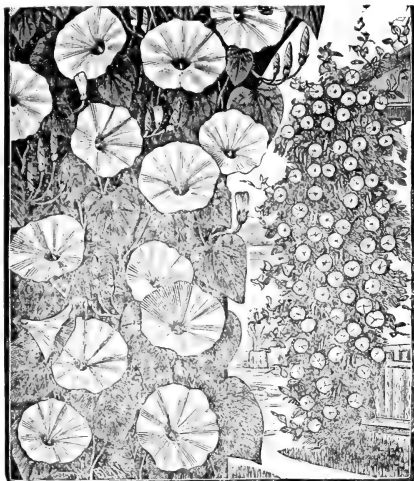
Eulalia Japonica Variegata

E. Japonica Variegata: A very graceful variety from Japan. Its long, narrow leaves are striped green, white and often pink or yellow. It throws up flower stalks from 4 to 6 feet in height; very ornamental. 25c. each; \$2.50 per doz.; extra large clumps, 50c. each; per doz. \$5.00.

E. Zebrin (Zebra Grass). The long blades of this variety are marked with broad yellow bands across the leaf. It makes a very attractive specimen plant for the lawn. 25c. each; \$2.50 per doz.; extra large clumps, 50c. each; per doz. \$5.00.

Gynerium Argentum (Pampas Grass). One of the most effective. Its silvery plumes are produced on stems 8 to 10 feet high. Well-established plants can remain in the open ground if protected. 25c. to 50c. each.

Phalaris Arundinacea Variegata (Variegated Ribbon Grass or Garden's Cove) Large variegated foliage; an excellent grass for bordering large beds. 20c. each; \$1.00 per doz.; \$6.00 per 100.



Moon Flowers

Moon Flowers—(*Ipomoea*)

Noctiflora (White). Young plants. Each 10c.; \$1.00 per doz.
Noctiflora (White). Strong plants. Each 15c.; 4 for 50c.; doz. \$1.25.

Hardy Day Blooming. Extra large selected roots. Each 10c.; \$1.00 doz.

Ipomoea Learii (Blue Moon Flower). Intense violet blue flowers, six inches in diameter. Each 10c.; \$1.00 for twelve.

Ipomoea Mexicana (Pink Moon Flower). Large pink (or rose colored) flowers, a grand companion to the above, being tuberous rooted it can be wintered the same as a Dahlia root. Each 15c.; \$1.50 per doz.

Perennial Phlox

The Perennial Phloxes are among the most desirable herbaceous plants, and should be planted plentifully; they succeed in any position and can be used to advantage either as single specimens in the mixed border or as large clumps or beds in the garden; 25 separate and best varieties

Each 15c.; \$1.50 per doz.; per 100 \$10.00.

Rudbeckia.

Golden Glow. 15c. each; per doz. \$1.50.

Purpurea. (Purple Cone Flower). 15c. each; per doz. \$1.50.

Pansy Plants

Very Choicest Strain. \$1.00 per doz. Extra strong plants \$3.00 to \$6.00 per 100.

Pæonies

Extra large fine clumps with three and four eyes. Finest varieties.

Double Pink. Each 25c.; \$2.50 per doz.; per 100 \$15.00.

Double White. Each 25c.; \$2.50 per doz.; per 100 \$15.00.

Double Red. Each 25c.; \$2.50 per doz.; \$15.00 per 100.

Double Mixed. Each 20c.; \$2.00 per doz.; per 100 \$14.00.

Tenuifolium. Fine feathery graceful foliage; flowers very rich crimson. Very highly recommended. Each 30c.; \$3.00 per doz.

Pinks—(Hardy Garden)

Her Majesty, pure white. **Juliette**, white and crimson. **Stanislaus**, rosy pink. Each 15c.; \$1.50 per doz.

Passion Vines

Blue and White. Extra strong. Each 25c.; \$2.50 per doz.



Poppies

Papaver—(Poppy)

Oriental (*Oriental Poppy*). Nothing can equal these in gorgeous effect, and, whether planted singly or in masses, their large flowers, rich brilliant colors and freedom of bloom render them conspicuous in any position. Each 15c.; \$1.50 per doz.; per 100 \$10.00.

Nudicaule (*Iceland Poppy*). These range in color from the purest white and yellow to the deepest orange-scarlet. The plants form tufts of fern-like foliage, from amongst which the slender stalks rise to about a foot in height, and bear elegant cup-shaped flowers. Mixed colors. Each 15c.; \$1.50 per doz.

Rhododendrons

Fine shaped plants in bud. Each \$1.00; \$11.00 per doz.

Extra fine plants. Each \$1.50; \$17.00 per doz.

Tritoma Uvaria Grandiflora—(Red Hot Poker Plant)

Rich orange red flowers. Each 15c.; \$1.50 per doz.

Verbenas

Choice mixed colors. Per doz. 75c.; \$5.00 per 100.

Wisteria—(Glycine)

Sinensis. The best blue. Each 30c. and 50c.

Sinensis Alba. White. Each 50c.



Double Hardy Pæonies



Souv. de Malmaison

Extra Strong Plants

Best Hardy Hybrid Perpetual Varieties

American Beauty. Crimson, very fragrant.	Gloire de Margottin. Dazzling scarlet.
Anna de Diesbach. Carmine.	John Hopper. Bright pink.
Baron de Bonstettin. Deep red.	Jules Margottin. Bright carmine. [pink.]
Baroness Rothschild. Rich satiny pink.	La France. Splendid satiny vety crimson, of good form.
Captain Christy. Deep flesh color.	Mabel Morrison. Pure white.
Coquette des Blancches. Pure white.	Magna Charta. Pink.
Dinsmore. Rich crimson.	Mme. Gabriel Luizet. Fine satiny rose, very free.
Eugene Furst. Velvety crimson.	Margaret Dickson. Pure white.
Fisher Holmes. Rich velvety crimson, large double.	Souv. de Malmaison (see cut). A fine flesh colored variety. A continuous bloomer.
Gen'l Jacqueminot. Crimson.	Ulrich Brunner. Rich red.
First size, extra heavy 2-year old plants . . . 40c.	Each. Per doz Per 100.
Good size 1-year old plants . . . 20c.	40c. \$4.00 \$27.50
	20c. 2.00 15.00

Best Tea Roses

Bon Silene. Pinkish carmine.	Maman Cochet. Deep pink.
Bridesmaid. Satin pink.	Papa Gontier. Crimson, shading to pink.
Bride. Pure white.	Perle des Jardins. Yellow.
Etoile de Lyon. Yellow.	Souv. de Wootton. Red. Also all other varieties.
Kaiserin Aug. Victoria. Pure white.	
Extra strong plants 40c.	Each. Per doz Per 100.
Good size plants 20c.	40c. \$4.00 \$27.50
	20c. 2.00 15.00

ROSES

Our stock of these is extra fine, grown for us by a specialist.

SPECIAL NOTICE

As the season advances it is sometimes impossible to procure such varieties of Roses that are ordered. Please mention whether we can substitute similar varieties for those of which our stock is exhausted.

Climbing Roses—(Hardy)

Baltimore Belle. White.	Prairie Queen. Light red.
Crimson Rambler.	Royal Cluster. Rosy white.
White Rambler.	Sweet Briar. Pink.
Pink Rambler.	Tennessee Belle. Blush.
Yellow Rambler.	Yellow Persian.
Marchal Neil. Yellow.	
Extra strong plants 40c. each; per doz. \$4.00.	

Penzance Hybrid Sweet Briars

30c. each; per doz. \$3.00.

Rosa Rugosa

White and Crimson. Extra strong plants 40c. each; per doz. \$4.00.

Memorial Rose—(Wichuriana)

A popular sort used to cover graves and cemetery lots. **Pure White.**
 One-year-old 20c. each; per doz. \$2.00.
 Two " 40c. " " 4.00.

Moss Roses

Best varieties, extra strong, 40c. each; per doz. \$4.00.

Varieties of Recent Introduction

Queen of Edgely. (Pink *American Beauty*). Similar to the old *American Beauty*, but pink in color. Strong young plants 20c. each; per doz. \$2.00.
Liberty. Fine rich Crimson *Jaques Rose* type. Strong young plants 20c. each; per doz. \$2.00.
Gruss aus Teplitz. Dazzling scarlet, free blooming variety. 40c. each; per doz. \$4.00.

We can also supply all other varieties of Roses.

THE NEW ROSES OFFERED IN THE NOVELTY PAGES WILL INTEREST YOU.



Amaryllis

Amaryllis

Seedlings. Largest flowering and brightest colors. 75c. each; \$2.50 per doz.
Johnson. Very large flower, rich crimson scarlet color, striped with white. Each 50c.; per doz. \$5.00. Extra large bulbs 50c. each; per doz. \$5.00.
Treatie Alba. Pure white. Each 50c.; per doz. 50c.
Treatie Rosa. Bright rose. Each 50c.; per doz. 50c.
Belladonna Major. Bright pink. Each 15c.; per doz. \$4.50
Formosissima (Jacobean Lily). Crimson blooming. Each 50c.; per doz. 50c.
Hybrids of Vittata. Beautiful species, flower striped and flaked 50c. each; per doz. \$5.00



Gold Medal Tuberous-Rooted Begonias

Begonias (Tuberous-Rooted—Extra Large Bulbs).

Our strain of these is the very finest to be had, the bulbs producing immense flowers.

	Each	Per doz.	Per 100	Per 1000
Single White	\$0.06	\$0.60	\$4.00	\$35.00
“ Yellow.....	.06	.60	4.00	35.00
“ Pink.....	.06	.60	4.00	35.00
“ Scarlet.....	.06	.60	4.00	35.00
“ Crimson.....	.06	.60	4.00	35.00
“ Orange.....	.06	.60	4.00	35.00
“ Mixed, all colors.....	.05	.50	3.50	30.00
Double White.....	.15	1.25	8.00	75.00
“ Yellow.....	.15	1.25	8.00	75.00
“ Pink.....	.15	1.25	8.00	75.00
“ Scarlet.....	.15	1.25	8.00	75.00
“ Orange.....	.15	1.25	8.00	75.00
“ Mixed, all colors.....	.12	1.15	7.50	70.00

Six bulbs of any one variety at dozen rates, 25 at 100 rates, 250 at 1000 rates,

Calla Lily

Spotted Foliage. Each 50c.; per doz. \$1.00; per 100 \$5.00.
Black. Each 15c.; per doz. \$1.50; per 100 \$10.00.
Yellow. Each 50c.; per doz. \$5.00; per 100 \$35.00.

Cinnamon Vine

One of the most rapid creepers. Hardy. Each 5c.; per doz. 50c.; \$3.00 per 100.

Cycas (Sago Palm).

Fresh Bulbs. Ready March 1st. Will produce strong plants. 15c. per lb.; 5 lbs. 65c. 100 lbs. \$41.00.

VERY
EFFECTIVE
PLANTS FOR
LARGE
BEDS



Caladium (Elephant's Ear)

Caladium (Elephant's Ear)

Especially adapted as a Border for cannas and tall-growing grasses

Small sound bulbs. Each 5c.; doz. 50c.; 100 \$4.00.
 Medium size sound bulbs. Each 10c.; doz. \$1.00; 100 \$7.00.

Large size sound bulbs. Each 10c.; doz. \$2.00; 100 \$12.00.
 Extra Large (Mammoth). Each 30c.; doz. \$3.00; 100 \$16.00.



Fancy Leaved Caladium

Fancy Leaved Caladiums

A most attractive plant either for the greenhouse or window garden.

In 9 best and most distinct named varieties. 20c. each, \$2.00 per doz.; \$12.00 per 100.

Choicest Mixed. 12c. each; \$1.25 per doz.

CANNAS. The Best Varieties.

We have a large supply of Cannas, grown under contract for us by one of the leading growers in this country. They can be relied upon to be true and sure-blooming roots, mostly all with two or three shoots.

Alphonse Bouvier. Rich velvety red; very large truss and flower; petals broad and wavy. Each 8c., per doz. 75c., per 100 \$5.00.

Austria. A splendid variety; grows five feet high; leaves 15 to 18 inches long and 8 to 10 inches broad. Flowers 6 to 7 inches across and borne erect in immense trusses; color pure deep golden yellow, truly magnificent. 10c. each, \$1.00 per doz., \$6.00 per 100.

"Alsace" (White Canna). A vigorous grower with green foliage, four feet high, 10c. each, \$1.00 per doz., \$7.00 per 100.

Allemania. Very large salmon flowers with yellow border; foliage dark green; a most desirable bedding variety. 12c. each, \$1.25 per doz., \$8.00 per 100.

Burbank (New). Very large flowering, rich yellow, with very substantial heavy light green foliage. Height about four feet. 10c. each, \$1.00 per doz., \$6.00 per 100.

Charles Henderson. A grand variety of a fine crimson color. $3\frac{1}{2}$ feet in height, a desirable companion to Florence Vaughan. Each 8c., per doz. 75c., per 100 \$5.00.

Chicago. Four feet, green foliage. The large flowers open out nearly flat, petals $1\frac{1}{2}$ inches wide and five in number; in this respect the Chicago fairly out-classes all Cannas. The color is a clear, deep vermilion scarlet. 15c. each, \$1.25 per doz., \$8.00 per 100.

Columbia. A perfect gem; color rich cardinal red; of branching habit, sometimes has three or four trusses of bloom on the same spike, all open at the same time producing a mass of blooms at an even height. Price 15c. each, \$1.25 per doz., \$8.00 per 100.

Eldorado. Bright clear yellow, lightly marked with crimson, light green foliage. The best yellow Canna for general effect, being a very profuse bloomer. 10c. each, \$1.00 per doz., \$6.00 per 100.

Engendale. Valuable as a bedding variety, bronzy foliage, with large bright cherry red flowers of good shape and substance. It is of compact uniform growth, height four feet, is considered one of the very best dark foliage varieties. Each 10c., per doz. \$1.00, per 100 \$6.00.

Florence Vaughan. Bright rich golden yellow, spotted with bright red; the flowers which are large size; of great substance and perfect form, are borne in large heads and in the greatest profusion; the foliage is massive and of a rich green color, three feet in height. Each 10c., per doz. \$1.00, per 100 \$6.00.

Flamingo. Crimson, growing about three feet high. Each 15c., per doz. \$1.50, per hundred \$7.50.

Golden Star. Rich golden yellow flowers, rich dark green foliage of a strong healthy substance. 10c. each, \$1.00 per doz., \$7.00 per 100.

Gloriosa. Color; bright rich crimson, with a deep yellow border; height, three feet. 10c. each, per doz \$1.00, \$6.00 per 100.

Italia (Orchid-Flowered Canna). Rich golden yellow with a broad blotch of dark crimson maroon in the centre of each petal and throat. 10c. each, \$1.00 per doz., \$6.00 per 100.

Maidens Blush. The best pink variety. 15c. each, \$1.50 per doz., \$10.00 per 100.

Madame Crozy. Brilliant vermilion scarlet; bordered with deep golden yellow. The foliage is green, broad and massive; the habit of the plant is compact and vigorous; height four feet. Each 8c., doz. 75c., 100 \$5.00.

President Carnot. A distinct bronze foliage variety, with very large flowers of a rich vermilion scarlet. 10c. each, \$1.00 per doz., \$6.00 per 100.



Canna
"Italia."

Philadelphia. (New). This is one of the finest of the new sorts. The flowers are intense deep crimson borne well above the plant, foliage bright green, plant very dwarf; three feet. 20c. each, \$2.00 per doz., \$12.00 per 100.

President William McKinley.—Handsome variety. Color brilliant crimson. Plant dwarf, growing from $2\frac{1}{2}$ to 3 feet high in rich soil. Foliage deep green, with heavy chocolate margin. An abundant and very early bloomer. The trusses are large, of good shape and held well above the foliage, and the growth is compact and even. The effect when massed is extremely brilliant, the rich crimson color contrasting finely with the deep green foliage. 15c. each, \$1.50 per doz.

J. D. Cabos. 4 to $4\frac{1}{2}$ feet. Flower light orange, large truss. Foliage purple bronze. A good variety. 8c. each; 75c. per doz.; \$5.00 per 100.

Souv. de Antoine Crozy. The richest gold border variety yet introduced. Dazzling scarlet flowers with yellow border, three feet, green foliage. 10c. each, \$1.00 per doz., \$7.00 per 100.

Queen Charlotte. Rich crimson scarlet with wide gold border on every petal. A very handsome plant, medium in height, compact grower, broad, green leaves, profuse bloomer. Each 10c., per doz. \$1.00, per 100 \$5.00.

Mixed Dwarf French. Containing the best sorts only. Each 6c., per doz. 60c., per 100 \$4.00.

Robusta Perfecta. Very tall growing, dark foliage; variety specially adapted for the centre of Canna beds. Each 8c., per doz. 75c., per 100 \$5.00.

Tall Sorts Mixed. 6c. each, 60c. per doz., \$4.00 per 100.

DAHLIAS

Becoming more popular every year nothing more satisfactory in the way of flowers that can be had for so little expense.

Our Dahlias are grown for us by the Dahlia Specialist, W. P. Peacock, of New Jersey, which is sufficient guarantee of their being true to name and of first quality. Mr. Peacock does not sell at retail but we have arranged to supply any one of the hundreds of varieties of Dahlias grown by him in addition to the following select list of prize-winners.

20 SUPERB NEW DAHLIAS OF SPECIAL MERIT:



Black Diamond.

around the yellow center. The flowers are beautifully formed; semi-double; one of the most striking of all dahlias; fine for decorations and bouquets. Price 50 cts. each; \$5.00 per doz.

- Weiland** (Cactus). A beautiful shade—salmon-rose; medium size, fine form with pointed petals; dwarf; profuse bloomer. Price 50 cts. each; \$5.00 per doz.
- Wildfire** (Single). The finest pure scarlet single dahlia to date; large size; an extremely profuse bloomer on long stems. Price 30 cts. each; \$3.00 per doz.
- William Cuthbertson** (Cactus). Rich, orange-crimson; a striking color that is hard to describe; large and fine. Price 40 cts. each; \$4.00 per doz.
- William F. Bassett**. Velvety crimson shaded maroon; each petal is tipped white; very fine. Price 30 cts. each; \$3.00 per doz.

All of the above varieties are strong, field-grown roots. Price, except where noted 25 cts. each; \$2.50 per doz. Set of 20, \$6.50 (regular value, \$7.80).

50 BEST DOUBLE LARGE FLOWERING DAHLIAS

General Collection.

- Admiral Dewey**. Rich imperial purple; an exquisite variety.
- Adolph Pfefferhorn**. Large purplish crimson.
- American Flag**. Striped crimson and white.
- Arabella**. Primrose, shaded rose.
- Arrah No Pogue**. Maroon tipped white.
- Baron Schroeder**. Large, clear bright purple.
- Beauty**. A beautiful large white.
- Celestine**. Yellow, suffused with orange.
- Decorator**. White, pencilled crimson.
- Elegans**. Rosy purple, tipped white.
- Emily Edwards**. White, delicately suffused pink.
- Empress of India**. Deep crimson maroon.
- Frank Smith**. Dark purple, tipped white.
- General Grant**. Deep buff, striped crimson.
- Golden Ball**. Very large; pale golden yellow.
- Henry Patrick**. Large; pure white.
- Hercules**. Immense red, pencilled yellow.
- Hero**. Bright purple; large fine form; profuse bloomer.
- Hon. Mrs. P. Wyndham**. Cream heavily tipped peach, shading to crimson.
- Japan Pink**. Deep pink; quilled petals.
- Keystone**. Pink striped bright crimson.
- Kyncerith**. Rich cardinal shaded maroon.
- Lady G. Herbert**. White tipped deep purple.
- Lady Jane Ellis**. Pinkish white; veined purple.
- Lancelot**. Orange-scarlet; large and fine.
- Leibheimer**. Very profuse crimson, tipped white.
- Magnificent**. Dwarf; large yellow; beautifully shaded; extremely profuse bloomer.
- Maid of Kent**. Cherry red, tipped white.
- Marg. Bell**. Very large; soft purple.
- Miss May Lomas**. White suffused rosy lavender.
- Miss Barry**. Fine deep rosy lake.

Admiral Schley. Seedling of American Flag—larger, stronger, and a better bloomer; deep crimson with broad, white stripe through the center of each petal—an acquisition. Strong roots. 50 cts. each; \$5.00 per doz.

Black Diamond. Of immense size; perfectly full to the center, the outer petals reflexing to the stem; of perfect form; a strong, vigorous grower and continuous bloomer. The best large black show dahlia, as will be seen from the accompanying photograph greatly reduced in size. Price 40 cts. each; \$4.00 per doz.

Blizzard (Storm King). An early and profuse blooming, snow white; of medium to large size with long stems and fine form; the best white show dahlia to date.

Eloise (Fancy). Medium to large size; full, regular and distinct; white shading to bluish pink. Each petal is margined deep, glowing crimson; an extremely profuse bloomer. Price 30 cts. each; \$3.00 per doz.

Eureka (Decorative). Seedling of Grand Duke Alexis and A. D. Livoni; large, full, high center with quilled petals; color, deep rose pink; an extremely profuse bloomer on long stems; invaluable for cutting. Price 40 cts. each; \$4.00 per doz.

Frank L. Bassett (Decorative). Bright, royal purple, shading to blue. Plant is dwarf, vigorous and branching; an extremely profuse bloomer—one of the best. Price 40 cts. each; \$4.00 per doz.

Fuerst Bismarck (Cactus). Large, rosy crimson with beautiful bluish sheen; large twisted petals.

Lawrence Kramer (Single). An exquisite deep pink on long stems; fine for cutting.

Leone. Seedling of the wonderful "20th Century Dahlia." Same large size and form, but distinct in color, which is a delicate blush and in contrast with 20th Century becomes deeper as the season advances; an invaluable addition to the orchid-flowered, single class. Strong, field-grown roots. \$4.00 each; \$40.00 per doz.

Mr. Moore (Cactus). Dark, velvety maroon, flamed crimson; long, beautifully twisted petals.

Olympia (Fancy). A grand flower, of immense size, 6 to 7 inches across with full high center. Color is deep rose pink, striped rich crimson; an extremely free bloomer. Price 50 cts. each; \$5.00 per doz.

Pink Dandy. The best pink show dahlia to date, being a purer pink than A. D. Livoni, the flowers are larger and the stems more than twice as long; beautiful form with full high center, the outer petals reflexing to the stem, as shown in accompanying photograph on page 50, greatly reduced in size. Price, strong, field-grown roots, 50 cts. each; \$5.00 per doz.

Profusion (Cactus). Color is a bright lavender-pink; long pointed petals with full high center and an extremely profuse bloomer. Price 30 cts. each; \$3.00 per doz.

Red Hussar (Show). Purest cardinal red with very long stems; a very strong, vigorous grower; fine for cutting.

Silvion (Single Cactus). A striking dahlia 4 to 5 inches across; rich velvety cardinal red with a broad white stripe through the center of each petal, sometimes solid color; petals are long, pointed and beautifully twisted.

Souv. de

Franz

Liszt.

A most striking dahlia of immense size; deep glowing crimson with white disc.



Blizzard (Storm King.)

DAHLIAS—Continued.



Pink Dandy.

20 BEST CACTUS DAHLIAS.

Bertha Mawley. Scarlet overlaid crimson.
Capstan. Very profuse; orange-red, shaded red.
Chas. Woodbridge. Deep crimson, richly shaded.
Delicata. Soft salmon-pink; fine.
Exquisite. Beautiful form; golden shades.
Gelscheler. Orange red, sometimes striped white; finely pointed petals.
Geo. Marlow. Primrose, yellow shaded amber.
Gloriosa. An exquisitely brilliant scarlet.
Harmony. A superb blending of yellow and golden amber; beautifully formed.
Henry Stredwick. Deep crimson, shaded maroon.

15c. each; \$1.50 per doz. Set of 20 for \$2.50.

John H. Roach. The finest pure yellow cactus.
Kingsfisher. Fine; rose purple.
Königsa Wilhelmia. Deep crimson maroon.
Mabel Keith. Delicate sulphur; open center.
Matchless. A superb dahlia; darkest maroon shading to black; over 30 prizes awarded.
Miss Annie Jones. Bright flaming scarlet cactus; exquisite.
Nihilanger. Magenta red overlaid blue.
St. Catherine. Large, yellow, shaded red.
Stiglade. A lovely shade of primrose, shading to glistening salmon.
Vicomtesse Folkestone. Primrose to sulphur.

12 PRIZE-WINNING DAHLIAS.

Henry F. Michell. Immense size, long pointed petals, beautifully blended, shades from yellow to orange red.
A. D. Livoni. Beautiful clear soft pink show.
Bronze Beauty. A profuse bloomer, golden yellow overlaid bronze.
Clarelbel. Very large; bright royal purple with long stems; fine for cutting.
Clifford W. Bruton. Pure yellow; immense size; of fine form; on long stems, 17 first prizes.
Client. Bright crimson; of fine form; long stems.

15c. each. Set of 12 for \$1.50.

A SEPARATE COLLECTION FOR EVERY GARDEN

Grand Duke Alexis. Very large; quilled petals white delicately tinged lavender-pink.
Mrs. Gladstone. Large; delicate bluish pink.
Nymphica. Delicate shrimp pink tinting to white at center; an exquisite variety. 23 first prizes.
Uncertainty. Variegated; bluish white carmine and crimson.
Zulu. Dark maroon, shading to jet black. The original "Black Dahlia." 9 first prizes.
White Swan. Pure white; considered one of the best.

DOUBLE MIXED DAHLIAS.

A very fine assortment of the very best dahlias in assortment not named. All colors. Per doz., \$1.00; per 100, \$8.00.

DAHLIAS IN SEPARATE COLORS.

White, Pink, Purple, Yellow, Red, Maroon, Variegated, Salmon.

12c. each; per doz., \$1.25; per 100, \$9.00.

NEW SINGLE MIXED DAHLIAS—ALL COLORS.

Per doz., \$1.00; per 100, \$8.00.

NEW SINGLE DAHLIAS FROM SEED

They give most pleasing and artistic results. We offer a fine assortment of seedlings raised from the seed, saved only from the best named varieties, embracing a complete range of colors and many are finer than the named sorts. We recommend these highly to our friends who wish something entirely new and distinct.

Per dozen, \$1.25; per hundred, \$9.00, for strong, field-grown roots.

SPECIAL ANNOUNCEMENT!

To those not wishing the trouble of sowing the seed of the wonderful, orchid-flowered dahlia, 20th Century, we offer pot-grown plants at 15 cents each; \$1.50 per dozen; \$12.00 per hundred.

Strong Seedling Plants of 20th Century Dahlia.



Admiral Schley.

Miss Jennings. Fawn shaded salmon pink.
Miss Cannell. Fine white suffused pink.
Model of Perfection. Fine lilac pink; free.
Nero. Dark crimson-maroon; fine.
Penelope. White flaked rosy-lavender.
Princess Bonnie. Beautiful creamy white.
Psyche. Primrose shaded rose.
Queen of Yellows. A beautiful clear yellow.
Red Head. Very large; dwarf; deep red.
Royal Queen. Buff tipped crimson maroon.
Saturn. Dark crimson; serrated petals.
Silver Tip. New; pure canary yellow, tipped silvery white; a beautiful plant.

Price of any of the foregoing 15c. each; per doz., \$1.50.

12 BEST POMPON DAHLIAS.

Alewine. Fine white flushed pink.
Allie Mourey. A fine deep pink.
Catherine. Fine canary yellow; fine form.
Dora. Delicate primrose; fine form; very profuse.
Fairy Queen. Sulphur edged deep peach.
Lellia. Flesh, mottled and suffused crimson.

15c. each. Set of 12 for \$1.50.

Octoroon. Dark velvety purple tipped and suffused white; fine.
S. Sickman. Dark maroon, tipped white.
Triomphe de Solferino. Large, bright solferino.
Verditors. Green flowers; a curiosity.
Wm. Agnew. Immense; dazzling crimson scarlet.
Wm. Pierce. Deep butter yellow.
Willie Garret. Richest crimson-scarlet; large fine-formed show.

Little Herman. Bright red tipped white.
Little Pet. Very profuse, yellow tipped white.
Philip Freund. A pleasing golden buff shading to rich salmon.
Prince Charming. Deep crimson lake.
Snowclad. Best white pompon.
Sunshine. Bright deep scarlet.

12 BEST SINGLE DAHLIAS.

Fashion. The finest single dahlia Maroon flamed crimson with white disc around center. Five best prizes.
Gold Standard. Purest canary yellow; large; fine and free.
Isaac Pittman. Large; purple-maroon.
Lady Whitehead. Bright cerise pink with light disc.
Mrs. L. C. Bassett. Dark crimson striped lilac.
Nance. Large size; a soft clear lavender.

5c. each. Set of 12 for \$1.50.

New Seedling 1901. Large; white suffused pink, spotted and penciled crimson.
Novelty. Pink spotted and penciled crimson.
Pauline. New white bordered violet, margined dark glowing crimson.
Serapietal. Bright scarlet; cleft petals.
Snow Queen. Fine pure white.
Sunningdale. Large white shading to lavender-pink.



Photograph showing what our strain of Gloxinia Bulbs produce.

"Prize Strain" Gloxinia Bulbs

Gloxinas, Choicest Mixed.....10c. each, per doz., \$1.00; \$6.00 per hundred
 Separate Colors, Crimson, White, Tigered or Spotted, Blue, Red Bordered.....15c. each; per doz., \$1.50; \$7.00 per hundred

HYACINTHUS CANDICANS

Summer Blooming Hyacinth, extra large bulbs.....each, 5c.; per doz., 50c.

JAPAN LILIES (Hardy)



	Per Each	Per Dox.	Per 100
Auratum , Golden Banded, 11 to 13 in., Extra Large Bulbs.....	\$0.25	\$2.50	\$15.00
Auratum , Golden Banded, 9 to 11 in., First Size Bulbs.....	.20	2.00	12.00
Lanc. Album , pure white, extra large bulbs.....	.20	2.00	12.50
Lanc. Rubrum , rich pink, extra large bulbs.....	.20	2.00	12.50
Spectosum Melpomene , crimson, extra large.....	.20	2.00	12.50
Tigrinum (Tiger Lily), extra large.....	.15	1.50	10.00

Madeira of Mexican Vine

Large Selected Bulbs.....each, 5c.; per doz., 40c.

OXALIS

Summer Blooming
Deppi, White
 15c. per doz., per 100, \$1.00
Lastandra, Pink

TIGRIDIAS

(Shell Flower)

Conchiflora, Orange and Crimson.
Pavonia Grandiflora, Red and Yellow.
Grandiflora Alba, White and Maroon.
 5c. each, per doz., 40c., \$3.00 per 100.

Lilium Auratum



Lemoine's "Butterfly Gladiolus"

GLADIOLUS

Choice Named Sorts.

Augusta. The Finest White Variety. Each, 15c.; per doz., \$1.50; per 100, \$10.00.
Brenchleyensis. Vermilion Scarlet. Each, 5c.; per doz., 50c.; per 100, \$1.50.
Canary Bird. Exquisite Light Yellow. Each, 20c.; per doz., \$2.00; per 100, \$16.00.
Engene Scribe. A grand sort, *Rich Pink*. Each, 12c.; per doz., \$1.50; per 100, \$8.50.
Fatma. Immense flowering. White striped and blotched with Salmon. Each, 10c.; per doz., \$1.00; per 100, \$7.00.
May. Almost pure white, penciled crimson. Each, 5c.; per doz., 50c.; per 100, \$3.50.
Shakespeare. White, shaded carmine, pink blotched. Each, 10c.; per doz., \$1.00; per 100, \$7.50.
Groff's New Hybrids. Mammoth Flowering. Each, 5c.; per doz., 50c.; per 100, \$3.50.

See also Novelty Pages.

GLADIOLUS (In Sep. Colors and Mixtures)

All Colors, very choice, Mixed. Each, 4c.; per doz., 25c.; per 100, \$1.75; per 1,000, \$14.00.

White and Light Colors. Each, 5c.; per doz., 40c.; per 100, \$2.50; per 1,000, \$20.00.

Yellow Shades. Each, 5c.; per doz., 45c.; per 100, \$3.50; per 1,000, \$32.50.

Scarlet and Crimson. Each 4c.; per doz., 35c.; per 100, \$1.75; per 1,000, \$15.00.

Pink and Variegated. Each 5c.; per doz., 40c.; per 100, \$2.50; per 1,000, \$20.00.

Lemoine's Butterfly. Extra fine mixed. Each, 5c.; per doz., 40c.; per 100, \$2.50; per 1,000, \$20.00.

Childs. A distinct mammoth race. Mixed of all bright colors, 6c. each; 60c. per doz.; \$4.50 per 100.

TUBEROSE BULBS

Excelstor Pearl Double. 4c. each, per doz., 35c.; per 100, \$1.50; per 1,000, \$12.00.

Extra Mammoth Bulbs. 5c. each; per doz., 40c.; per 100, \$2.50; per 1,000, \$15.00.

Variegated Leaved. Each, 6c.; per doz., 50c.; per 100, \$3.00.

Albino. Single flowering, each, 5c.; per doz., 40c.; per 100, \$2.50.



Pearl Tuberose

SMALL FRUITS, ETC. **DON'T** wait years for fruit. We send out only extra strong plants.

Currants

Currants should be planted in good soil, which must be kept rich and well worked. Sprinkle ashes around the roots occasionally, to keep the borers away. The currant worm may be destroyed by sprinkling the bushes with powdered white hellebore while they are wet with dew. Where it has been applied, the fruit should not be used without first being washed.

Black Nappes. Vigorous and productive; used for jelly and jams and highly profitable for market in some sections. Two years, per doz. \$1.00, per 100 \$6.00.

Fay's Prolific. Color rich red. Per doz. \$1.50, \$7.50 per 100.

Red Dutch. Medium size; in large bunches; the old and well-known currant of the garden. Per doz. \$1.00, per 100 \$6.00.

Red Cherry. Large. Per doz. \$1.00, per 100 \$6.00.

White Grape. The best white variety; large, sweet and good; best for the table; a good bearer. Per doz. \$1.00, per 100 \$6.00.

Blackberries

Plant in good rich soil, in rows five feet apart, and three or four feet apart in the row. After the fruiting season or in early spring, cut out all the dead wood. Should be planted early, before the buds start. A good dressing of stable manure, applied annually, produce large crops. Keep the ground clean and well worked.

Erie. An excellent early berry; ripens its entire crop at once.

Berries good size, black, firm, sweet and of good quality. Per doz. 60c., per 100 \$3.00.

Kittatiny. Large, juicy, sweet and excellent; hardy and productive. Considered the best and most profitable late berry. Per doz. 60c., per 100 \$3.00.

Wilson's Junior. Of large size, unsurpassed productiveness, fine flavor and early. The largest and best early blackberry yet introduced. Per doz. 60c., per 100 \$3.00.

Gooseberries

Treatment same as for Currants.

Downing. Large pale green; soft, juicy and good for family use. Two years, per doz. \$1.00, per 100 \$6.00.

Houghton's Seedling. Pale red. Per doz. \$1.00, per 100 \$6.00.

Industry. Another a foreign sort, it has done admirably, being a vigorous grower and an immense yielder, and showing no signs of mildew. We confidently recommend it for the garden, being unequalled for size, flavor, productiveness and vigorous growth. Color dark red. Each 20c., per doz. \$2.00.

Strawberry Plants—Extra Strong (Layer Plants)

All the leading and tested varieties. Per doz. 25c., per 100 \$1.00, per 1000 \$6.00.

Pot Grown Strawberry Plants

Ready August 1st. Per 100 \$3.00, per 1000 \$25.00.

HEDGE PLANTS

California Privet—Large Stock, Strong Plants

Exceedingly beautiful, nearly evergreen hedge plants. Very vigorous and hardy; leaves deep green, bright and very glossy. Especially adapted for hedges at the seashore; very easily transplanted. Beware of spurious kinds of privet which are being offered for the above and which are nearly so desirable. Ours are the genuine California, or Japan Privet (*Ligustrum Ovalifolium*). Most of them have been transplanted and are furnished with an abundance of fine fibrous roots, are well branched and are sure to give satisfaction.

1 and 2 year old, 12 to 18 inch, per 100 \$3.00 per 1000 \$25.00
2 year old, 18 to 24 inch, " 3.50 " 30.00
2 " " 24 to 30 inch, " 4.50 " 40.00

Also larger sizes quoted on application.

Osage Orange

Extra strong two year old plants. Per 100 \$1.00, per 1000 \$7.50.

American Arbor Vitae

3 to 4 feet. Per 100 \$15.00.

Hemlock Spruce

2 to 2½ feet, per 100 \$75.00; 2½ to 3 feet, per 100 \$125.00.

Norway Spruce

3 to 4 feet, per 100 \$40.00; 4 to 5 feet, per 100 \$60.00.

Raspberries

Plant in rows five to six feet apart, two to four feet apart in the row. Cut the tops off within a few inches of the ground when planted. Pinch the vigorous young shoots several times during the summer, they will then grow stout enough to stand without staking.

Brandywine. Large; bright red; hardy and productive; an old variety, extensively grown. Per doz. 50c., per 100 \$2.50.

Cuthbert. Large, firm, deep rich crimson, of excellent quality; perfectly hardy and very productive. Per doz. 50c., per 100 \$2.50.

Philadelphica. Dark crimson; hardy and productive. Per doz. 75c., per 100 \$2.50.

Golden Queen. The best yellow variety. Per doz. 75c., per 100 \$2.50.

Gregg. A large black variety; fruit firm, of excellent quality and a good shipper. Per doz. 50c., per 100 \$2.50.

Japanese, or Wineberry. Large clusters of red berries, excellent for jelly or preserving. Each 10c., per doz. \$1.00.

NEW STRAWBERRY RASPBERRY

Tested here for three years and constantly growing in favor; one of the most beautiful fruits ever seen. Berries the size and shape of the largest strawberries, bright, rich glowing scarlet; fine for jams, jellies and cooking. Bush grows from 18 inches to 2 feet high, bears the first season and continues fruiting for three months; dies away in winter, but is entirely hardy, and does well everywhere regardless of drought or heat. Every garden should have some of these really good berries, they are sure to please. Per doz. \$1.50, per 100 \$6.00.

Hardy Grape Vines

Catawba. A very good keeper; red, sweet and rich, with pleasant flavor. Does best against buildings.

Concord. One of the most profitable of all hardy grapes. Bunch and berry large; black, juicy and sweet.

Delaware. Light red, very sweet.

Duchess. Medium size; greenish white; excellent quality.

Lady. Bunch compact and of good size; berry yellowish green; flavor rich, sweet and sprightly.

Martha (White Concord). Large, pale yellow; strongly resembles the Concord in all points except color; hardy and vigorous.

Moore's Early. Bunch and berry round and large; black.

Niagara. Bunches very large and very compact; berries large, light greenish white, skin thin but tough, and does not crack.

Pocklington. Golden yellow.

Worden. Large, black.

Salem (Rogers' No. 22) Large; bright reddish brown; fine rich aromatic flavor.

Very strong two year old roots, true to name. Each 25c., per doz. \$2.50, per 100 \$12.50.

☞ We also have some extra strong vines of the above sorts at 50c. each, per doz. \$5.00.

BOOKS

On Horticultural and Other Kindred Subjects

How to Grow Mushrooms	10
How to Grow Chrysanthemums	25
Greenhouse Management. Taft Most Practical	1 50
Landscape Gardening. Parsons	3 50
Gardening for Profit. Henderson	1 50
Gardening for Pleasure. Henderson	1 50
Practical Floriculture. Henderson	1 50
Handbook on Plants. Henderson	3 00
Profit in Poultry	1 00
Grape Growers Guide. Chorlton	75
Chrysanthemum Culture	60
Mushroom Culture. Robinson	50
Mushroom Culture. Falconer.	1.00.

PLANT CULTURE (Oliver)

A new book giving the latest instructions on the care of Ornamental Garden and Greenhouse Plants. Price, 50c.

SUCCESS WITH HOUSE PLANTS

Scores of books and booklets there are on this subject, but it has been reserved to our author to write a text book, the result of her own practical experience that, faithfully followed, will enable every lady to keep her home delightful with dainty and fragrant flowers all through the dreary winter. 12mo., 220 pp., cloth; profusely illustrated, with complete and ready reference index to all plants enumerated. Price, 50c.

VIOLETS

You can learn how to Grow Violets for Profit or for Pleasure

Commercial Violet Culture, by Prof. B. T. Galloway, U. S. Dept. Agriculture, Washington, D. C. The only comprehensive work on the subject, gives every detail necessary to success. Superbly illustrated with over sixty plates, plans, diagrams, etc. Bound in flexible covers of royal purple and gold. 224 pages. Price, postpaid, \$1.50.

We have other books not mentioned above, and supply same at lowest prices. Any of the above books, postpaid on receipt of price.

TREES AND SHRUBS

OUR Trees have been grown under a clean thorough, system of cultivation, and frequently transplanted. They are free from borers, and are in a vigorous, healthy condition. Those wishing to plant trees in large quantities, it will pay them to ask us for **special quotations before placing their orders elsewhere.**

Selected Hardy Shrubs

- Althea** (Hibiscus). 20 varieties. 35c. each, per doz., \$3.50; ex. selected, 50c. each, per doz., \$5.00.
Almond (Flowering). Pink and White. 35c. each, per doz., \$3.50.
Azaleas. Fine Plants. 75c. each, per doz., \$8.00.
Berberies. Purple and Green and Thunbergii. 35c. each, per doz., \$3.50.
Calyceanthus (Sweet Shrub). 35c. each, per doz., \$3.50.
Caryopteris Mastacanthus (Blue Spirea). 25c. each, per doz., \$2.50.
Cytissus Laburnum (Golden Chain). 50c. each, per doz., \$5.00.
Deutzias. 9 varieties. 35c. each, per doz., \$3.50.
Dogwood. Red branched and other varieties. 35c. each, per doz., \$3.50.
Euonymus (or Burning Bush). 35c. each, per doz., \$3.50.
Exochorda. Grandiflora. 35c. each, per doz., \$3.50.
Elder. Golden and Cut Leaved. 35c. each, per doz., \$3.50.
Forsythia (Golden Bell). All varieties. 35c. each, per doz., \$3.50.
Fringe. Purple, 35c. each, per doz., \$3.50. White, 50c. each, per doz., \$5.00.
Globe Flower (Kerria). 25c. each, per doz., \$2.50.
Honeysuckle. Upright in variety. 35c. each, per doz., \$3.50.
Hydrangeas. All varieties. 35c. each, per doz., \$3.50; extra size, 50c. each, per doz., \$5.00.
Japan Quince (Pyrus Japonica). 35c. each, per doz., \$3.50.
Lilacs. In variety. 35c. each, per doz., \$3.50; named varieties, 50c. each, \$5.00 per doz.
Magnolias. Large flowering sorts. \$2.00 each; per doz. \$22.00.
Mock Orange (Philadelphus). 35c. each, per doz., \$3.50.
Plums. Ornamental and Flowering. 35c. each, per doz., \$3.50.
Spireas. All varieties. 35c. each, per doz., \$3.50.
Snowberry. 35c. each, per doz., \$3.50.
Viburnum (Snowball). 35c. each, per doz., \$3.50.
Wiegelsias. In great variety. 35c. each, per doz., \$3.50.



Ornamental and Shade Trees

- Ash**—8 ft., 75c. each; 10 to 12 ft., \$1.50 each.
Beech—Purple, 6 to 7 ft., \$1.50. 7 to 8 ft., \$2.00.
Birch—White and Yellow, 6 to 8 ft., 75c.
Catalpa—(Indian Bean) Grafted, 5 to 7 ft., \$1.50.
Dogwood—Red flowering, 4 to 5 ft., \$1.25; 5 to 6 ft., \$2.00.
 "—White flowering, 4 ft., 75c.
Elms—American and English, 8 to 10 ft., 75c.; 10 to 12 ft., \$1.50.
Horse Chestnut—White flowering, 7 to 8 ft., \$1.00; 8 to 10 ft., \$2.50.
Judas—(Japan). 2 to 3 ft., \$1.25.
Linden—American and broad leaved, 9 to 10 ft., \$1.50; 10 to 12 ft., \$2.50.
Maples—Norway and Sycamore, 10 ft., \$1.00; 11 to 12 ft., \$1.50 to \$2.00.
 "—Sugar, 10 ft., 75c.; 11 to 12 ft., \$1.50 to \$2.00.
 "—(Japanese) selected specimens, \$2.50 each; per doz., \$28.00.
Oaks—English, 8 to 9 ft., 75c.; 10 to 12 ft., \$1.50; 14 to 15 ft., \$3.00.
 "—Pin, 7 to 8 ft., \$1.25; 9 to 10 ft., \$1.50 to \$2.50.
 "—Red and Scarlet, 5 to 6 ft., \$1.25; 6 to 8 ft., \$2.00.

EVERGREENS

- Arbor Vitae**—All varieties, from 2 to 4 ft., 50c. to \$2.00 each.
Fir—All varieties, 75c. to \$5.00 each.
Pine—All varieties, 3 to 5 ft., 75c. to \$4.00 each.
Retinospora—All varieties, 2 to 7 ft., 75c. to \$10.00 each.
Spruce—All varieties, 2 to 6 ft., 35c. to \$8.00 each.
Yew—English. Irish and Japan, \$1.00 to \$5.00 each.

FRUIT TREES

- APPLES**—First Size, 35c. each; per doz. \$4.00. Baldwin, Early Harvest, Maidens Blush, also all other varieties.
APRICOTS—40c. each, per doz. \$4.00. Acme, Peach, Rowan, also other varieties.
CHERRIES—Large Size selected, \$1.00 each; per doz. \$9.00. 5 to 6 feet, 75c. each; per doz. \$8.00. Black Tartarian, Downers Late Red, Gov. Wood, also all other varieties.
PEARS—Large Size selected, \$1.00 each; per doz. \$9.00. First-class trees, 75c. each; per doz. \$8.00. Bartlett, Kieffer, Seckel, also all other varieties.
PEACHES—Trees 4 to 6 feet 25c. each, per doz. \$2.50. Crawford's Early, Crawford's Late, Elberta, also all other varieties.
PLUMS (Japan)—60c. each, per doz. \$6.00. Abundance, Burbank.
PLUMS (European)—Large Size selected, \$1.00 each; per doz. \$9.00. First-class trees 75c. each; per doz. \$8.00. Bradshaw, Golden Drop, Reine Claude, also all other varieties.
QUINCE TREES—2 year old trees 35c. each, per doz. \$3.50. Bearing age trees 50c. each, per doz. \$5.00. Champion, Meech's, Prolific, also all other varieties.

NUT TREES

- ALMONDS**—Hard and Soft Shell, 40c. each; per doz. \$4.00.
CHESTNUTS—Japan Giant, 1 yr. grafted, \$1.25 each, 2 yr. grafted \$1.75. Paragon, 1 yr. grafted \$1.25; 2 yr. grafted, \$1.75. Spanish, from seed, 4 ft. 35c., also all other varieties.
FILBERTS—40c. each, per doz. \$4.00.
SHELLBARKS—50c. each, per doz. \$5.00.
PECANS—50c. each, per doz. \$5.00.
WALNUTS—Black English, Japan, 50c. each, per doz. \$5.00.

SPECIAL ANNOUNCEMENT

We are in position to furnish competent men, who thoroughly understand **Landscape Gardening, Grading, Tree Planting, etc.**

P. S.

For full description of Trees and Hardy Shrubs, write for our illustrated catalogue, sent free to all applicants.

Highest Quality.

Ashes. (Canada Unleached Hard Wood). These contain all of the fertilizing elements except nitrogen. 5 lbs., 20c.; 35c. per 100 lbs.; 25 lbs. 60c.; 55c. per 50 lbs.; per 100 lbs. \$1.50; bbl. of 250 lbs. \$2.50; ton of 2000 lbs. \$18.00. Apply about 1000 lbs to the acre.

THE COST OF WOOD ASHES can be reduced \$3.00 per ton by customers giving us their order two weeks ahead, to enable us to ship it direct from Canada to the customer. Special rate on application.

Bone Meal. **Micell's Strictly Pure and Fresh.** In fertilizing nothing takes precedence in importance over animal bones, because they furnish the soil with the essential requisite of nitrogen as well as phosphoric acid. The most substantial fertilizer for lawns and plants. It keeps on feeding the soil for fully ten months. 3 lb. box 15c.; 5 lb. bag 25c.; 10 lbs. 40c.; 25 lbs. 75c.; 100 lbs. \$2.00; sack of 200 lbs. \$3.50; ton \$30.00.
Baugh's Celebrated \$25.00 Phosphate. \$3.00 per 200 lb. sack; \$25.00 per ton.

Blaker's "Odorless" Lawn Dressing. One of the best fertilizers, supplying just what every worn-out lawn requires. 25 lbs. \$1.00; \$1.75 per 50 lbs.; per 100 lbs. \$3.00. Special price will be quoted on larger quantities.

Bone Flour. Pure. Ground perfectly fine; excellent for pot plants or beds where an immediate effect is wanted. 5 lbs. 25c.; 25 lbs. \$1.25; 100 lbs. \$2.50; bag or bbl. of 200 lbs. \$4.50; ton \$40.00.

Basics Slag, considered by those who have used it to be the finest fertilizer for tennis courts, golf grounds, etc. \$16.00 per ton, f.o.b. factory; \$9.00 per ½ ton, f.o.b. factory.

Blood (Dried). Very rich in nitrogen. \$3.00 per 100 lbs.; \$5.00 per 200 lbs.; \$40.00 per ton.

Bowker's **CHEMICAL FERTILIZERS.** For general forcing (indoors or out), apply at the rate of about one pound to each hot-bed sash, or six pounds to every one hundred square feet of bed, thoroughly worked into the soil to the depth of two or three inches.

For forcing lettuce, cabbage, tomato plants, etc., apply from four to six pounds per one hundred square feet, thoroughly mixed with the soil. Half the quantity may be applied a month later.

For carnations, violets and similar plants use at the rate of four to six pounds for every 100 square feet, and then a month later apply two or three pounds more. 5 lbs. 40c.; 10 lbs. 65c.; 25 lbs. \$1.25; 50 lbs. \$2.25; 100 lbs. \$4.25.

Bowker's **Plant Food.** Made especially for plants grown in conservatory, house or garden. Clean, free from offensive odor. Full directions with each package. Package 15c. and 25c.; by mail 25c. and 40c.

Clay's Fertilizer. Imported manure especially recommended for flowers or vegetables, to bring the highest perfection. Should be used in potting soil, and spread on staging of greenhouses planted with flowering plants. Per bag of 25 lbs. \$2.00; 50 lbs. \$3.50; 100 lbs. \$6.50.

Cotton **Seed Meal.** \$2.00 per 100 lb. sack; \$25.00 per ton. Special price will be quoted on larger lots.

Guano. **Pure Peruvian.** 1½ lb. box 15c.; 3½ lb. box, 25c.; 10 lbs. 50c.; 100 lbs. \$2.50; per ton \$40.00.

Guano. **Potato, Corn and Truck. Sharpless and Carpenter's Brand.** Guaranteed analysis: Actual Potash, 6 to 8 per cent.; Ammonia 1½ to 2½ per cent.; available Phos. Acid, 6 to 8 per cent. Price \$3.50 per sack of 200 lbs.; \$30.00 per ton.

Guano. **Native or Poudrette.** Very rich in quality and very low in price. 5 lbs. 20c.; 25 lbs. 60c.; \$1.50 per 100 lbs.; \$15.00 per ton. Special price on larger quantities.

Horn Shavings. A very valuable and rich fertilizer, especially for roses, chrysanthemums, etc. 10c. per lb.; 25 lbs. \$1.75; \$5.00 per 100 lbs.

Thomson's **Flower and Vegetable Manure.** This is one of the very best fertilizers, introduced from England, and can be highly recommended to any one wishing an immediate effect in forcing. Highest testimonials from those who have tested its merits. Put up in original bags. 28 lbs. (½ cwt.), \$1.75; 56 lbs. (1 cwt.), \$3.25; \$5.00 per cwt.

Imperial Liquid **Plant Food.** One of the best and most reliable plant fertilizers now on the market. Highest testimonials received from all who are using it now. Per 10 gallon cask \$3.45; \$6.20 per 20 gallon cask. F. O. B. factory.

FERTILIZERS

Sold with Our Guarantee.

"Jadoo" Liquid.

A popular fertilizer in liquid form. Specially adapted for feeding house plants. 25c. per bottle.

Kainit.

(Pure). Apply at the rate of 1000 lbs. per acre. \$1.25 per 100 lbs.; per 200-lb. sack, \$2.00; \$15.00 per ton.

Land Plaster.

(Nova Scotia). A valuable top dressing. It also purifies and sweetens worn out, sour soils. Used also extensively for mixing with Paris Green for destroying insects. 5 lbs. 15c.; 25 lbs. 50c.; \$1.50 per bbl.; per ton, \$9.00.

Lawn Dressing.

(Micell's Odorless). Very rich in fertilizing ingredients. Makes your lawn green, bright and durable. 5 lbs. for 30c.; 25 lbs. \$1.00; \$1.75 per 50-lb. bag; per 100 lbs. \$3.00; \$5.00 per 200 lbs.; per ton, \$40.00.

Manure.

We can supply at short notice, strictly first-class, clean, short or long manure. Our large sales these past three years prove that we send out a choice article. In car load lots only at \$1.25 per ton. Special price will be quoted on larger quantities.

Mapes'

Celebrated Fertilizers. Prices quoted here are f.o.b. Phila. It is, however, more advantageous to the customer to have them shipped direct from Mapes' factory as the price will be 25c. less per sack, and \$2.00 less per ton than prices herewith quoted, only paying one freight charge.

	Sack of 200 lbs.	Ton of 2000 lbs.
Potato manure	\$4.50	\$39.00
Corn manure	4.25	36.00
Cabbage and cauliflower manure	4.25	38.00
Fruit and vine manure	4.25	39.00
Grass and grain spring top dressing	4.25	40.00
Complete manure, for general use	4.25	38.00
Complete manure, for heavy soils	4.50	39.00
Complete manure, for light soils	4.50	41.00
Vegetable manure, for all soils	4.50	41.00
Early vegetable and truck manure	4.50	41.00

Muriate of Potash.

50 lbs. \$2.25; 100 lbs. \$3.25; \$50.00 per ton.

Nitrate

OF SODA. For all crops. Contains the largest percentage of nitrogen; equal to 19 per cent. of ammonia. It is very quick in action, and hastens maturity of crops fully two weeks. *Should not be applied until the plants are above the ground,* when 100 to 150 lbs. per acre should be sown with other fertilizers, or mixed with phosphates. Shipped in double bags. 50 lbs. \$2.00; 100 lbs. \$3.50; 200 lbs. \$6.00; per ton \$50.00.

Poudrette.

Per lb. 10c.; 26c. by mail; 5 lbs. 20c.; 35c. per 100 lbs.; 25 lbs. 60c.; \$1.50 per 50 lbs.; \$1.50 per 100 lbs.; per 200 lb. sack \$2.50; \$9.00 per 1000 lbs.; \$15.00 per full ton.

Phosphate.

Baugh's Celebrated \$25.00 Brand. \$3.00 per 200 lb. sack; \$25.00 per ton.

Phosphate.

Super High Grade. Analysis: Ammonia 4 to 6 per cent.; bone phosphate 24 per cent.; available phos. acid 6 to 8 per cent.; sulph. potash 1 to 2 per cent. It stands without a rival as the largest crop producer. Apply 400 lbs. per acre. 25 lbs. 90c.; 100 lbs. \$2.00; 200 lbs. \$3.25; per ton \$28.00.

Phosphate, No. 1 Brand. Very good. 200 lb. sack \$2.75; ton \$20.00.

Potato Manure

(Baugh's). Very high grade. *Guaranteed* \$3.50 per 200 lb. sack; per ton \$30.00.

Soot

Imported Scotch. Per lb. 10c.; per 5 lbs. 35c.; per 100 lbs. \$4.00.

Salt

(Agricultural Brand). for topdressing lawns or asparagus beds. Apply early in spring, at rate of 800 to 1000 lbs. per acre. 200 lbs. \$1.50; ton \$9.50.

Sheep Manure.

Pure, Fresh, Pulverized. One of the richest general fertilizers. **Micell's XX Brand.** 2 lbs. 15c.; 4 lbs. 25c.; 10 lbs. 50c.; 25 lbs. \$1.00; 50 lbs. \$1.50; \$2.25 per 100 lbs.; \$32.00 per ton. *It will pay you to let us estimate on the large order of Fertilizers.*

INSECT DESTROYERS, Etc.

Aphis Punk. (*Nikotren*.) Especially designed for use in private places and in houses without convenient furnaces for heating iron necessary for vaporizing *Nikotren* or Tobacco Extract. The Punks are lighted with a match and allowed to burn, which it does without flaming, at the same time giving off dense white fumes of nicotine that kill aphids and thrip very effectively. 60c. per box. Per twelve boxes, \$6.50.

Ant Exterminator. Very effective for destroying ants in gardens and lawns. 25c. per 1/4 lb., 40c. per 1/2 lb., 75c. per lb.

Bowker's Bodline. Sticks canker worms, caterpillars and all creeping insects from crawling up trees. Superior to all other articles heretofore on the market. 5 lbs. 50c., 10 lbs. \$1.25; 25 lbs. \$2.75.

Bordeaux Mixture. For black rot, downy mildew, and anthracnose of grape, potato blight, potato rot, leaf blight of cherry, pear, quince, and other fungous diseases. 5 lbs. 75c., makes 25 gallons spray; 10 lbs. \$1.25, makes 50 gallons spray; 25 lb. box, makes 125 gallons, \$3.50.

Bordeaux Mixture. In liquid form, 40c. per qt., \$1.00 per gallon.

Copperdine. For black rot, carnation rust and anthracnose of the grape, pear leaf blight, apple scale and powdery mildew. One gallon can (makes 100 gallons wash) per qt. 50c., per gal. \$1.50.

Copper Soap (Permoll). Positive cure for mildew, rust and all fungous. 75c. per can.

Dalmation or Persian Powder. Pure 1/4 lb. 15c., 1 lb. 40c., 5 lbs. \$1.50.

Fir Tree Oil. For destroying insects, such as mealy bug, red spider, scale, thrip, green fly, etc. Full directions with each can. 1/2 pint 50c.; 75c. per quart; per qt. \$1.50; \$2.75 per 1/2 gal.; per gal. \$5.00.

Fir Tree Oil Soap. Per can 25c. and 75c. each.

Fostite. Prevents mildew. Five lbs. 60c., 25 lbs. \$2.50.

Gishurst's Compound. Extensively used for preventing and destroying green fly, mildew, thrip, mealy bug and scale. Box 50c., 3 lb. box \$1.00.

Good's Caustic Potash Whale Oil Soap. 20c. per lb.; 5 lbs. 75c.

Grape Dust. Best remedy for mildew. 5 lb. pkge. 30c.; 100 lb. keg \$5.00.

Hellebore. For destroying rose slugs. 25c. per lb.; 5 lbs. \$1.00; 10 lbs. \$1.85.

Kerosene Emulsion. (Paste.) For plant lice of any kind, cabbage worms, scale, insects on pear and other trees. One lb. 10c.; 5 lb. can, 60c., makes 50 gallons of spray; 25 lb. can \$2.50, makes 250 gallons of spray.

Kerosene Emulsion. (Liquid.) 40c. per qt.; per gal. \$1.00.

Kerosene Soap. (Permoll.) 15c. per pkge.; 25c. per lb.; 10 lb. pails \$1.75; 25 lbs. \$3.75.

Kraft's Palm Wash. 75c. per pt.; \$1.40 per 1/2 gal.; \$2.65 per gal.

Kraft's Tonic and Insecticide. 25c. per bottle; 75c. per qt.; \$2.65 per gal.

Lemon Oil. Will destroy mealy bug, scale, thrip, red spider, etc. 25c. per 1/2 pt.; per pt. 40c.; 75c. per qt.; per 1/2 gal. \$1.25; \$2.00 per gal.; per 5 gal. keg \$9.00.

London Purple. Cheaper and less dangerous than Paris green. Lb. 25c.; 5 lbs. \$1.10. Special price on larger quantity.

Nicotide. A powerful insecticide for evaporizing. \$1.25 per pint; per pint \$1.25. Lamps for fumigating 50c. each.

Paris Green Pure. Lb. 25c.; 5 lbs. \$1.20; 14 lb. buckets \$3.00.

Persian Insect Powder. Fresh and pure. 15c. per 1/4 lb.; per lb. 40c.

Nikotren. For spraying and vaporizing. \$1.50 per pint.

Rose Leaf Extract of Tobacco. Per qt. 50c.; per gal. \$1.25; 5 gal. \$4.25.

Seal Oil Soap. 1 lb. can 25c.; 10 lbs. for \$2.00; 30 lb. cans 20c. per lb.

"Shoo Fly." Keeps the flies from cattle and horses. 50c. per qt.; \$1.50 per gal.

Slug Shot. 5 lbs. 25c.; 10 lb. 50c.; 100 lbs. 75c. Bulk in barrels weighing about 225 lbs. 33c. per lb.

Sulphur. A preventive and cure for mildew. Lb. 7c.; 5 lbs. 30c.; 100 lbs. \$4.00.

Sulphate of Copper. For spraying. Per lb. 10c.; 50c. per 100 lbs.

Tobacco Dust. Cheaper than snuff and quite as effective. Sure remedy for green fly. 20c. per lb.; 5 lb. pkge. 25c.; 100 lbs. \$3.50.

Tobacco Soap. (Pinnars.) For destroying insects, parasites and their eggs, infesting either plants or animals. 1/2 lb. 20c.; 1 lb. 40c.

Tobacco Stems Finish. For fumigating. Lb. 10c.; bbl. \$1.00; \$2.00 per large bale; per 1/2 ton \$5.00; per ton \$10.00.

Whale Oil Soap. For destroying and preventing insects on plants, trees, vines, etc., for washing down the bark of trees, grape vines, etc. With directions. 25c. per box; 50c. per 5 lbs.; 50c. per 10 lbs.; per 25 lbs. \$1.75.

Worm Eradicator. The best article for destroying worms. 50c., \$1.00 and \$3.00 per bottle.

Sulpho Tobacco Soap. Especially adapted to be used for the window, garden. Works in the greenhouse just as well. Easily prepared for use. Very effective. Two sizes, 10c. and 20c. per cake.

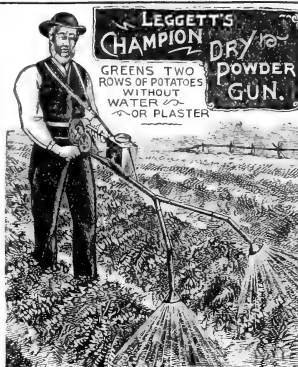
"Peerless" Sulphur and Insecticide Blower. This is the most satisfactory distributor of Sulphur and other insecticide in powder form. Will never wear out. Satisfaction guaranteed. Price \$4.75.

How and When To Spray

Complete Treatise Sent Free on Application.



1 lb. pkge. 15c.; 3 lb. pkge. 35c.; 5 lb. pkge. 50c.; 12 1/2 lb. pkge. \$1.00; \$7.00 per 100 lbs. Shaker. For applying Bug Death, etc., 65c.



Leggett's "Champion" Paris Green Gun.

The most practical and satisfactory implement for applying Paris Green.

Price complete, \$7.60.

This machine distributes over 2 rows by one application.

Knapsack Sprayer

DEMING'S BEST

Copper - - - \$12.00
With kerosene attachment - - 16.00

The Fairmount Weed Killer

Will keep your paths and roadways clear of all organic growth, will clean and not injure marble or any kind of stone or gravel.

It Kills Weeds Scientifically.

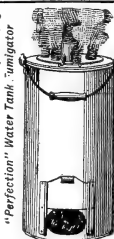
1/2 gal. tin	makes 20 gals. treating liquid,	\$0.75
1 " keg	" 40 " "	1.45
5 " " 200 "	" " " "	6.00
10 " " 400 "	" " " "	11.00
25 " cask	" 1000 "	25.00
50 " barrel	" 2000 "	45.00

One gallon is sufficient to effectively cover 100 to 150 square yards of surface. Can be spread over the ground with an ordinary rose sprinkler. Full directions on every container.

Please note the strength of the Fairmount when comparing with lower-priced weed-killers offered. The "Fairmount" is by far the cheapest.

Fumigators

Perfection, No. 1, holds 1 pk. of stems, \$3.00.
Perfection, No. 2, holds 1/2 bushel of stems, \$3.50.
Perfection, No. 3, holds 3/4 bushel of stems, \$4.00.
Perfection, No. 5, holds 1 bushel of stems, \$5.50.
Eureka, No. 1, height 12 in., for a house 10x20 ft., \$1.25.
Eureka, No. 2, height 16 in., for a house 12x40 ft., \$1.75.
Eureka, No. 3, height 20 in., for a house 15x100 ft., \$2.25.
Eureka, No. 4, height 24 in., for a house 20x100 ft., \$3.25.
Tobacco Stems, (Fresh.) For fumigating, 5 lbs. for 25c., \$1.00 per bbl., \$2.00 per large bale, \$11.00 per ton.
See also **Aphis Punk** and **Nikotren** and **Nicotide** for other fumigating materials.

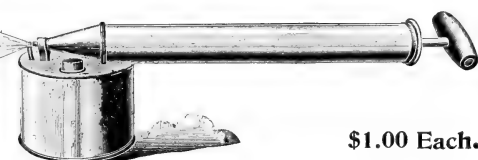


BELLOWS

For Applying the Insect Destroyers.

Large Double Cone	Each \$3.00	Liquid Spraying	Each \$1.50 and \$2.00
Large Single Cone	Each 2.00	Sulphur Bellows	Each 1.50
Small Single Cone	Each 1.00		

Cataract Insect Exterminator.—All Brass.



\$1.00 Each.

Animal Meal. (Bowker's.) 5 lbs. 20c.; 10 lbs. 40c.; 25 lbs. 75c.; 50 lbs. \$1.20; 100 lbs. \$2.25.
Barley. Per qt. 15c.; bush. \$1.35.

Bone (Granulated). The use of ground bone tends to keep fowls in good health, and materially aids laying hens. 5 lb. pkge. 25c.; 25 lbs. \$1.00; 100 lbs. \$2.25.

Buckwheat. For pigeons and young poultry. Per qt. 10c.; peck 35c.; bush. \$1.25.

Clover Meal (Pioneer). Best quality. 5 lbs. 25c.; 25 lbs. 75c.; 50 lbs. \$1.10; 100 lbs. \$2.00.

Charcoal (Ground). A little ground charcoal mixed with the soft feed in the morning, once or twice a week, keeps them healthy. 1 lb. 10c.; 5 lbs. 40c.; 10 lbs. 75c.; \$4.00 per 100 lbs.

Cut Clover Hay (Niagara Brand). Excellent food for winter and early spring. 50 lb. bag \$1.25; 100 lbs. \$2.00.

Chick Manna, or Food for Little Chicks. Specially prepared for little chicks when first hatched. Should be the first and only food, and continued for 10 or 12 days before feeding anything else. Directions for feeding on each package. 1 lb. pkge. 10c., by mail 25c.; 5 lb. pkge. 40c.; 15 lbs. \$1.10; 60-lb. box, bulk \$4.20.

Death to Lice Powder. (Lambert's.) 15 oz. box 25c.; 48 oz. box 50c.; 100 oz. box \$1.00.

Death to Lice Ointment. (Lambert's.) 1 oz. size 10c.; 5 oz. postpaid 25c.

Eggs (Nest). Porcelain, per doz. 25c.; Medicated, per doz. 30c.
Egg Testers. 35c. each.

Gape Cure. (Madoc.) 6 oz. can 20c.; $\frac{3}{4}$ lb. can 35c.
"H. O." Poultry Food. 5 lbs. 20c.; 25 lbs. 75c.; 100 lbs. \$2.25; per $\frac{1}{2}$ ton \$20.00; per ton \$36.00. F. O. B. Factory.

Hemp Seed. Used largely for feeding birds and pigeons. Per qt. 15c.; peck 60c.; bush. \$2.00.

Imperial Egg Food. For making hens lay winter and summer. Keeps the fowls in the best condition. 26 oz. pkge. 25c.; 60 oz. pkge. 50c.

Slack's Death to Lice. 25c. per pkge.
Cracklings. Similar to Poultry Meat. 50 lb. cakes only, $\frac{3}{4}$ c. lb. Kaffir Corn. Excellent poultry food. Qt. 15c.; pk. 65c.; bu. \$2.00.

Meat for Poultry (Prepared). This is prepared with great care. It is the finest thing we know of to cause hens to lay during the winter; extremely profitable to feed. 5 lbs. 25c.; 10 lbs. 40c.; 50 lbs. \$1.25; 100 lbs. \$2.50; 500 lbs. \$12.00; per ton \$44.00.

Multum in Parvo Poultry Powder. $\frac{1}{2}$ lb. 20c., by mail 28c.; 1 lb. 25c., by mail 50c.

Mica Crystal. For digestion. 5 lbs. 15c.; 10 lbs. 25c.; 25 lbs. 40c.; 100 lbs. 85c. Three grades—Fine, coarse and medium.

Oyster Shell (Fresh Ground). The finest article to feed for shell making. 5 lbs. 10c.; 25 lb. bag 40c.; 100 lbs. 65c.; ton \$10.00.

Peas (Canada Field). Per qt. 10c.; peck 50c.; bush. \$1.60.

Dried Blood. A great egg producer. 5 lbs. 30c.; 10 lbs. 50c.; 25 lbs. \$1.00; 100 lbs. \$3.00.

Pratt's Food. Will make hens lay all the year, and is excellent for feeding to young chicks. For large fowls mix one ounce with the food for fifteen or twenty. For fifteen or twenty chicks give one half ounce every other day. 1 $\frac{1}{2}$ lb. pkge. 25c.; 5 lb. pkge. 60c.; 12 lb. bag \$1.25; 25 lb. bag \$2.50.

Pratt's Horse and Cattle Food. 5 lb. pkge. 50c.; 12 lb. bag 75c.; 25 lbs. \$1.50; 50 lbs. \$3.00.

Roup Preparation. Sure cure. $\frac{1}{2}$ lb. pkge. 20c.; 1 lb. pkge. 40c.

Roup Pills. (Sturtevant's.) 50 pills 25c.; 50c. per 250.

Roup Pills. (Haven's.) Per box 25c.; per box of 250 pills \$1.00.

Rust's Egg Producer. 1 lb. 25c.; $\frac{2}{3}$ lb. 50c.; 6 lbs. \$1.00; 10 lbs. \$1.50; 25 lbs. \$3.50.

Rust's Havens Condition Powder. Per pkge. 25c.; large size 50c.; 5 lb. box \$1.00; 8 lb. box \$1.50; 20 lb. box \$3.50.

Sheridan's Condition Powder. 4 oz. pkge. 25c.; $\frac{2}{3}$ lb. can \$1.00; six $\frac{2}{3}$ lb. cans \$5.00.

White Flint Grit. 50c. per 100 lbs.

Michell's Specialties

FOR POULTRY RAISERS

OF EXTRAORDINARY MERIT

Michell's Pioneer Mash Food



Just the proper thing to feed young chicks, ducks, geese, etc., on, contains nothing but what is essential to health and vigor. 5 lbs. 20c.; 35c. 10 lbs.; 25 lbs. 65c.; \$1.15 per 50 lbs.; per 100 lbs. \$2.00.

Pioneer Chick and Poultry Food

A combination of different grains scientifically prepared. 5 lbs. 25c.; 40c. per 10 lbs.; 25 lbs. 85c.; \$1.40 per 50 lbs.; per 100 lbs. \$2.50.

Gape Cure—(Michell's)

A sure cure for this dread disease. 25c. and 40c. per bottle (postpaid).

Hen Tonic

A long felt want is supplied in this infallible remedy; positively prevents hens from laying soft shelled eggs, hitherto a great annoyance and loss to the poultryman. Bottle 25c. and 40c. (postpaid).

Egg Tonic

Will make your hens lay, when other remedies have failed. 25c. and 40c. per bottle (postpaid).

Spongia

The sovereign remedy for roup in all stages. Results obtained are remarkable; also acts as a preventative against this dread disease. 25c. and 40c. per bottle (postpaid.)

P. S.—The above Preparations can be had from us only.

THE BEST BOOK ON POULTRY

"Profits in Poultry." A practical treatise on the business, giving designs for houses; artificial incubation; preparing for market; caponizing, etc. Price \$1.00.



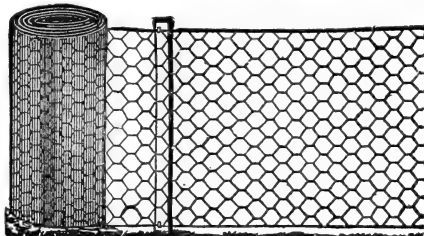
French Poultry Killing Knife.

Made of fine steel. Price, with full instructions, 50c. each.

"Progressive" Killing Knife. Highly recommended. 50c.

THE BUSY POULTRYMAN will not have to look far for what he wants; it's among our large assortment of supplies. We have an extensive stock.

ALL AT ROCK-BOTTOM PRICES.

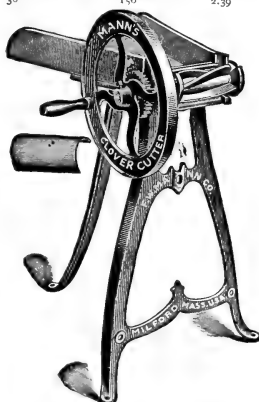


Galvanized No. 19, Wire Netting—2 inch

Galvanized after the netting is made, which makes it strong and durable. Special prices will be quoted on larger quantities.

The best thing for making poultry yards; better looking and cheaper than laths, and permits more light and air to enter. Prices may fluctuate.

12 in. wide, per bale 150 lineal feet, \$0.86	42 in. wide, per bale 150 lineal feet, \$3.88
18 " " " 150 " 1.42	48 " " " 150 " 3.22
24 " " " 150 " 1.74	50 " " " 150 " 4.09
30 " " " 150 " 2.18	72 " " " 150 " 4.91
36 " " " 150 " 2.39	



Mann's Clover Cutter

Any required length cut from above sizes at 1c. per sq. foot. Galvanized Staples for fastening, 10c. per pound. Prices subject to change without notice.

P. S.—We can also supply Poultry Netting ½ in., ¾ in., 1 in. and 1½ in. mesh, at very lowest market prices.

Mann's Clover Cutter for Poultry

Made entirely of iron and steel. Cannot warp or shrink. \$8.00 without stand. \$10.00 with stand.

Mann's Standard Green Bone Cutters

The most economical machine for converting green bones, with the meat and gristle attached, into poultry food.

No. 1—C. Without wheel.....	\$6.00
" 2—B. With wheel.....	7.50
" 1—BM. With wheel (on stand).....	10.00
" 2—Best. With wheel (on stand).....	13.40
" 8—Double—Hand Cutter.....	22.40

EGGS IN WINTER

and early Spring is what you get by feeding GREEN BONE. You can maintain a supply by having a Bone Mill of your own and cut fresh bones whenever you want. The cost is slight for a good mill.

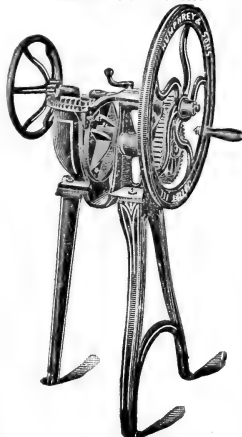
Wilson's Best Oyster Shell and Dry Bone Mill

Weight 39 lbs. Price \$4.50 With legs \$6.50.

This mill is adapted for grinding oyster shells, dry bones, corn, meal, etc.; and by means of a regulating wedge on the back, can be made to grind to any desired fineness.

Humphrey Green Bone Mill

Pronounced by a number of Poultry Raisers to be the best and cheapest mill on the market. Price \$12.00.



Humphrey's Bone Mill



Climax Band

Use Leg Bands

To know your Fowls from your neighbor's.

In ordering state what breed they are for.
Novelty. Price, per dozen, 25c.; per 50, 75c.; per 100, \$1.25.
Climax. Price, per dozen, 25c.; per 50, 75c.; per 100, \$1.25.

Spratt's Dog Cakes

3 lbs. 25c.; 40c. per 5 lbs.; 25 lbs. for \$1.75; \$6.00 per 100 lbs.

Terrier Biscuits. 3 lbs. 25c.; 40c. for 5 lbs.

Puppy Cakes. 3 lbs. 25c.; 40c. for 5 lbs.



The Hub



The Philadelphia

Poultry Drinking Fountains

All the most improved and reliable kinds; both in galvanized iron and stoneware.

Prices, 25c. to \$1.00 each.

Thompson's Banner Root Cutter No. 7 FOR POULTRYMEN
Choking an Impossibility
 Feed left in long, small, thin strips. Price \$5.00.

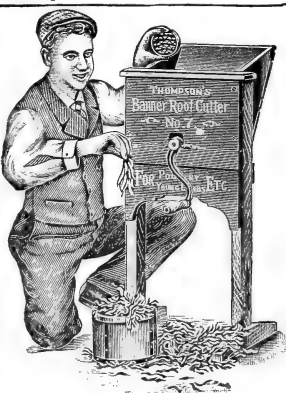
Mann's Swinging Feed Tray for Poultry

PRICES
 18 inch \$1.00
 27 inch 1.25
 36 inch 1.50

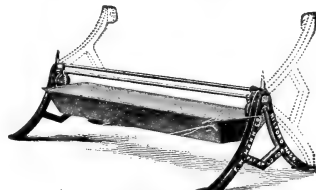
Sanitary Grit Box (Aisatt's)

These are fitted with divisions, so as to be enabled to feed three different foods at one time. Made of sheet iron.

Price, 60c. each. Also other makes of Grit Boxes.



Aisatt's Grit Box



Mann's Swinging Feed Tray for Poultry

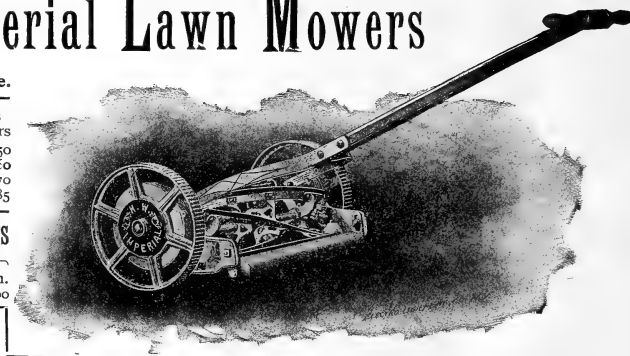
Coldwell's Imperial Lawn Mowers

Easiest Running Lawn Mower Made.

	High Wheel 4 Blade	5 Blade	Low Wheel	Grass Catchers
14 inch	\$7.50	\$8.00	\$6.50	\$1.50
16 inch	8.25	9.00	7.50	1.60
18 inch	9.00	10.00	8.50	1.70
20 inch	10.00	11.00		1.85

Coldwell's New Ball Bearing Mowers

HIGH WHEEL			
14 in.	16 in.	18 in.	20 in.
\$8.00	\$9.00	\$10.00	\$11.00



NEW GOLF GREENS MOWER

Roller Mower.—Used on the leading Golf Links in this country; offered with either four or six blades in the Revolving Cutter. It has no equal where fine work is required. Considered the finest cutting and lightest running Roller Mower made in the world. It shaves the grass, leaving the greens as smooth as a billiard table.

14-inch, including Grass Catcher,	\$13 00
16 " " " "	14 00
18 " " " "	16 00
20 " " " "	18 00

Showing Grass Catcher
on these Golf Greens
Mowers.



Coldwell's Golf Greens Mower

COLDWELL'S IMPROVED HORSE MOWERS

EVERY MOWER IS GUARANTEED TO
GIVE SATISFACTION OR NO SALE.

*These Mowers are used on the Public Parks of
Paris, (France), New York City, Brooklyn, Baltimore, Chicago, Buffalo and Washington.*

SPECIAL.

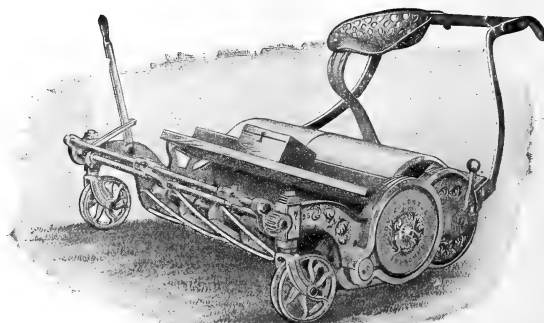
We are prepared to do all kinds of repairing and sharpening of Hand and Horse Mowers Satisfaction guaranteed.

We also carry in stock nearly all the different separate parts for Lawn Mowers.



Horse Boots for Lawn

Extra well made; will wear out two sets of cheap boots.
\$8.00 per set of four.



Coldwell's Improved Horse Lawn Mower

25-inch, no shafts	\$37 50	35-inch, with seat and shafts	\$75 00
30 " with draft irons	55 00	40 " with draft irons	85 00
30 " with seat and shafts	60 00	40 " with seat and shafts	90 00
35 " with draft irons	70 00		

We Prepay Freight Charges on all Coldwell's Horse Mowers Shipped New from the Factory

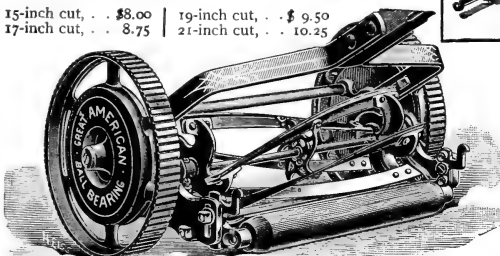
Lawn Mowers, Etc.

Pennsylvania and Continental Lawn Mowers

High Wheel	Low Wheel
15-in. cut, \$10.50	10-in. cut, \$5.50
17-in. cut, 11.50	12-in. cut, 6.25
19-in. cut, 12.50	14-in. cut, 7.00
21-in. cut, 13.50	16-in. cut, 7.75
	18-in. cut, 8.50

The "Great American" Ball-Bearing High Wheel Lawn Mowers

15-inch cut, . . \$8.00	19-inch cut, . . \$ 9.50
17-inch cut, . . 8.75	21-inch cut, . . 10.25



The "New Departure" Lawn Mowers

No Sharpening.—No Setting.

10-in. cut \$3.75	12-in. cut \$4.00	14-in. cut \$4.25	16-in. cut \$4.75
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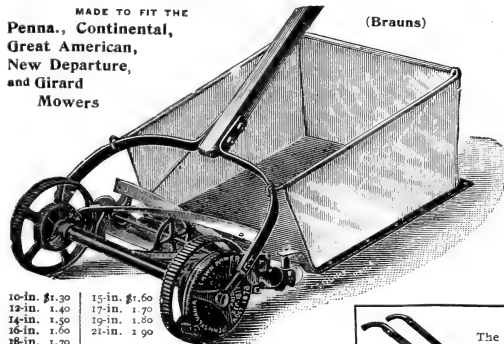
"New Departure" High Wheel Mowers

15-inch cut . . \$7.00	17-inch cut . . \$7.50	19-inch cut . . \$8.00
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GRASS CATCHERS

MADE TO FIT THE
Penna., Continental,
Great American,
New Departure,
and Girard
Mowers

(Brauns)



10-in. \$1.30	15-in. \$1.60
12-in. 1.40	17-in. 1.70
14-in. 1.50	19-in. 1.80
16-in. 1.50	21-in. 1.90
18-in. 1.70	

The Links Lawn Boot

is the proper one to use.
thoroughly water-
proofed, steel riveted,
quickly adjusted.

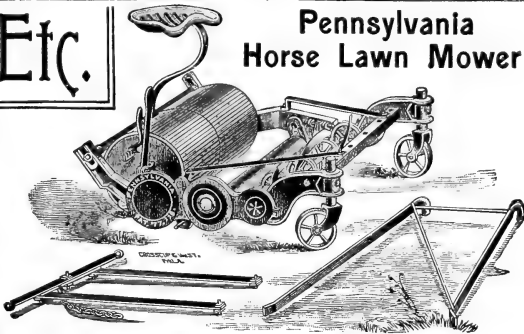
Three sizes.

No. 2—5½ in. wide inside.
No. 4—5½ in. " "
No. 7—7 in. " "

Price each, per set, \$8.00.



Pennsylvania Horse Lawn Mower



Open Cylinder with draft irons, 30 in. cut, \$60.00
Seat, Shafts and Springboard for these Mowers, . \$12.00 extra
38 in. with Draft Irons, 78.00
With Seat and Shafts, \$12.00 extra

Pennsylvania and Continental Pony Lawn Mower

25-inch cut, High Wheel \$30.00

Philadelphia Horse Lawn Mowers

30-inch cut with draft irons, \$66.00	With seat and shafts, \$79.00
35-inch cut with draft irons, \$79.00	With seat and shafts, \$92.50

PHILADELPHIA LAWN MOWERS

10-inch cut . . \$4.75	Style S, 14-in. cut, \$6.25	16-inch cut . . \$7.00
12-inch cut . . 5.50	See also page 12.	18-inch cut . . 7.75

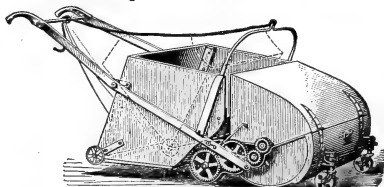
Girard Low Wheel Mowers

10-in. cut \$3.00	12-in. cut \$3.25	14-in. cut \$3.50	16-in. cut \$4.00
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Girard New High Wheel Mowers

14-inch cut . . \$4.25	16-inch cut . . \$4.75	18-inch cut . . \$5.00
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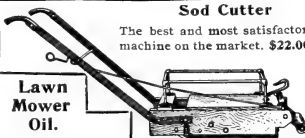
Philadelphia Lawn Sweeper



A simple machine for cleaning the lawn. A driving roller gives motion to a revolving brush placed directly in front, causing it to sweep the sod clean and throw the sweepings backward from the top of the brush into a large box in the rear of the roller. The box can be dumped without stopping. Sweeps 40 inches wide. 100.00

The New Champion Sod Cutter

The best and most satisfactory machine on the market. \$22.00.



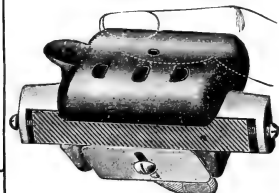
Lawn Mower Oil.

Best Quality.

The kind that will not gum.
35c. per quart; per ½ gal. 60c.; \$1.00 per gal.
EMERY for sharpening Lawn Mowers, 15c. per lb.; 5 lbs. for 60c.

LAWN MOWER FILES, 25c. each

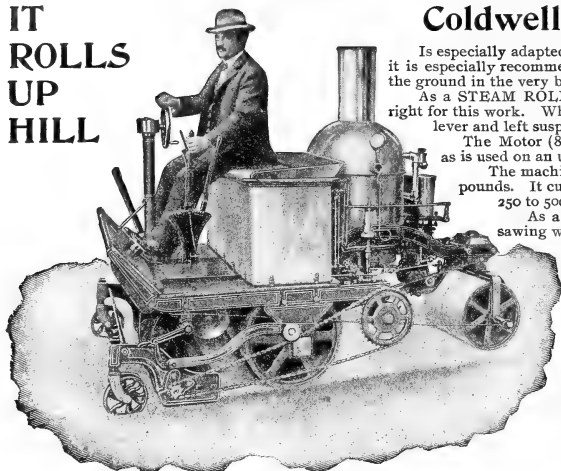
"Acme" Lawn-Mower Sharpener



Simple and easy to operate.
Sharpens the mower in a few minutes.
Price 50c. postpaid.

Mitchell's Reliable Implements

**IT
ROLLS
UP
HILL**



Coldwell's New Motor Lawn Mower.

Coldwell's Motor Lawn Mower

Is especially adapted for use on Parks and Golf Grounds, the latter of which it is especially recommended for, as its great weight and fineness of cut, leaves the ground in the very best condition for the game.

As a STEAM ROLLER FOR LAWNS it has no equal; its weight is just right for this work. When so used the lawn mower part is lifted by means of a lever and left suspended free from the ground.

The Motor (8-horse power), of the latest improved design, is the same as is used on an up-to-date automobile.

The machine complete and ready for operation weighs about 3,000 pounds. It cuts a swath 40 inches wide, and travels at the rate of from 250 to 500 feet per minute over any ordinary grade.

As a PORTABLE ENGINE to be used for pumping water, sawing wood, etc., it is perfect.

Considering the amount, quality and variety of work this machine will do, we consider it the most economical machine that can be used on a large place.

We guarantee that a man can do as much cutting with this machine in a single day as can be done with two or three Horse Mowers in the same time.

PRICE, \$1,500 NET.

CORRESPONDENCE SOLICITED.

MR. WM. KLEINHEINZ, gardener to P. A. B. WIDENER, Esq., Elkins, Pa., writes as follows:

The Automobile or Steam Lawn Mower and Roller is doing excellent work on our place. Takes the place of two or three regular horse mowers. One great advantage of this 3000 pound mower is that there is no obnoxious fall grass in our lawn wherever we have used it. I can very highly recommend it.

Philadelphia Lawn Mowers

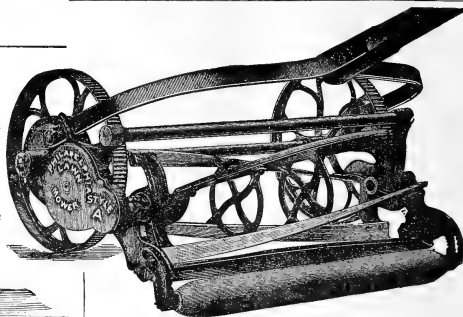
High Wheel, Style A. All Steel.	Low Wheel, Style C.
15 inch \$10.00	14 inch \$5.25
17 " 11 50	16 " 5.75
19 " 12 50	18 " 6.25
21 " 13 50	20 " 6.75

Buckeye Mowers

Now Largely Used on
Lawns and Golf Courses

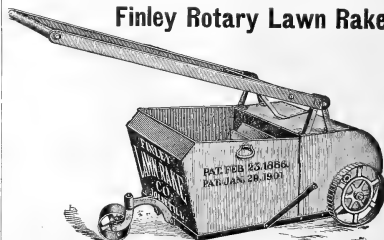
Considered the finest machine of its kind; very simple and durable in construction. Guaranteed to give satisfaction.

PRICES: { No. 10. For One Horse \$38.00
" 9. " Two Horses 40.00



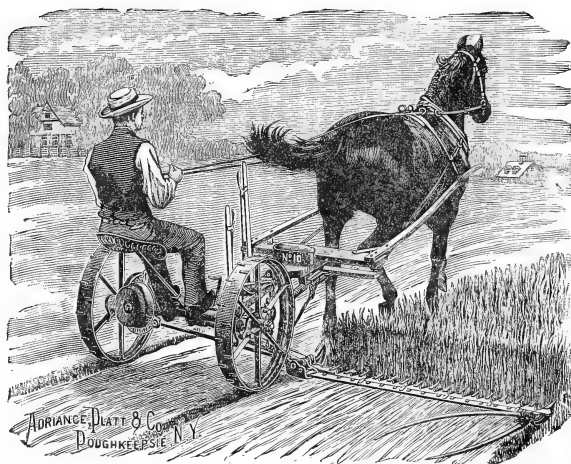
*The Genuine Philadelphia Lawn Mower.
Still a Leader.*

Finley Rotary Lawn Rake



This is the very best device known for raking lawns. Takes up grass, leaves, sticks, stones and every sort of litter which will accumulate on lawns, leaving the grass like a velvet carpet. Highest testimonials from those who are using them. Sweeping area 20 inches. **PRICE . . . \$12.00**

**Just what you want for taking the Crab or Fall
Grass out of your lawn.**



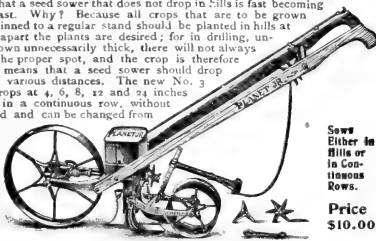
Buckeye Field Mower (One Horse).

"PLANET JR." FARM AND GARDEN TOOLS

Space will not permit our showing and describing all of the "Planet Jr." tools, but we will send a fully illustrated catalogue free for the asking to any who desire it. "Planet Jr." goods are standard machines; the best; yet great improvements have been made for 1903. You can rely on getting a bottom price from us on any of the "Planet Jr." Tools.

"PLANET JR." No. 3, Hill Dropping Seed Drill.

We all know that a seed sower that does not drop in hills is lost becoming a thing of the past. Why? Because all crops that are to be grown from seed and thinned to a regular stand should be planted in hills at just the distance apart the plants are desired; for in drilling, unless the seed is sown unnecessarily thick, there will not always be a plant at the proper spot, and the crop is therefore irregular. This means that a seed sower should drop in hills, and at various distances. The new No. 3 "Planet Jr." drops at 4, 6, 8, 12 and 24 inches apart, and also in a continuous row, without injury to the seed and can be changed from hill to drill instantly, or from one distance to another very quickly. The index is at the tip of the handle, with hair breadth adjustment and instantaneous cut-off.



Sows
Either in
Hills or
in Con-
tinuous
Rows.

Price
\$10.00

"PLANET JR." No. 4 Combined Hill Dropping Seeder and Single Wheel Hoe.

This is exactly the same style of seeder as No. 3 "Planet Jr." Hill Dropper. It is smaller in capacity, though still of good size, holding two quarts. It drops in hills at 4, 6, 8, 12 and 24 inches apart and in drills any thickness, handling the smallest variety of seed perfectly, and is simple, durable and very light running. Throws out of gear instantly by simply raising the handles. The drill is detached and the tool frame substituted by moving but one bolt. It then becomes one of the most admirable Single Wheel Hoes of the "Planet Jr." family.

Price complete \$10.00.

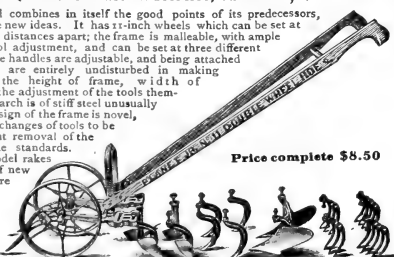


As a
Drill only
\$8.00

"PLANET JR." No. 11 Double Wheel Hoe, Cultivator, Rake and Plow

This tool combines in itself the good points of its predecessors, with valuable new ideas. It has 11-inch wheels which can be set at four different distances apart; the frame is malleable, with ample room for tool adjustment, and can be set at three different heights. The handles are adjustable, and being attached to the arch, are entirely undisturbed in making changes of the height of frame, width of wheels or in the adjustment of the tools themselves. The arch is of stiff steel unusually light. The design of the frame is novel, allowing all changes of tools to be made without removal of the nuts from the standards.

A pair of model rakes and a pair of new style hoes are added to the usual equipment—seven pairs of tools in all. The variety of the work possible with this machine is incredible, covering the whole range of wheel hoe work, both in the garden and on the farm, and has our unqualified endorsement.



Price complete \$8.50

"PLANET JR." No. 12 Double Wheel Hoe.

This tool is identical with No. 11 except that it has a less complete equipment, as shown in the cut, but at a correspondingly less price. The set of tools with No. 12 is what gardeners need most.

Price \$6.50

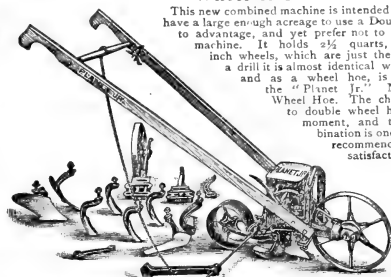


The "PLANET JR." No. 13 Double Wheel Hoe

This tool is the No. 11 with 6-inch hoes only, this pair of tools being most generally useful at all seasons. Any or all of the No. 11 tools may be added at any time, and are sure to fit. Price \$4.50.

"PLANET JR." No. 25 Combined Drill and Double Wheel Hoe

This new combined machine is intended for those who have a large enough acreage to use a Double Wheel Hoe to advantage, and yet prefer not to buy a separate machine. It holds $2\frac{1}{2}$ quarts, and has 11 $\frac{1}{2}$ inch wheels, which are just the right size. As a drill it is almost identical with the No. 4, and as a wheel hoe, is identical with the "Planet Jr." No. 12 Double Wheel Hoe. The change from drill to double wheel hoe takes but a moment, and the entire combination is one we can heartily recommend and guarantee satisfactory.



Price
\$13.00

"PLANET JR." No. 17 Single Wheel Hoe, Cultivator, Rake and Plow

This latest and best Single Wheel Hoe has an 11-inch wheel with broad face, and a conveniently arranged and very valuable set of tools. It is very light, strong and easy running. Has adjustable handles and frame, and is the most perfect wheel hoe for market gardeners and private places. Frame changes in height, and the wheels to the other side of the frame, to allow of hoeing both sides of the row at one passage.



Price
\$4.75

The "PLANET JR." No. 18 Single Wheel Hoe.

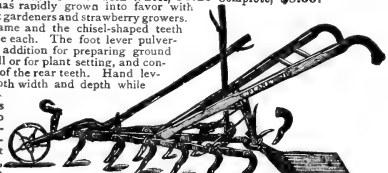
With the same frame and handles as No. 17, it has one pair of 6-inch hoes only, but they are the most constantly useful, through the season of all the list. The remainder you buy as wanted. Price \$3.25.

The "FIRE-FLY" PLOW.

This tool is invaluable for those having small gardens. The mould-board is tempered and polished steel. The depth may be changed very quickly. Price \$2.25.

"PLANET JR." Harrow and Cultivator.

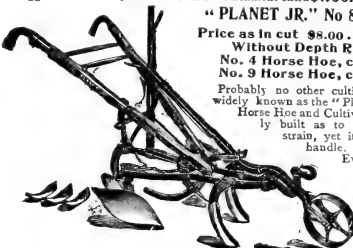
Price Plain \$5.30 with Wheel, \$6.40 Complete, \$8.00. This tool has rapidly grown into favor with farmers, market gardeners and strawberry growers. It has a high frame and the chisel-shaped teeth cut an inch wide each. The foot lever pulverizer is a capital addition for preparing ground for the seed drill or for plant setting, and controls the depth of the rear teeth. Hand levers regulate both width and depth while in motion; it contracts to 18 inches and expands to 30 inches. It cultivates deep without throwing dirt upon the plants, and the smooth round-throated teeth turn strawberry runners without injuring them. For cutting strawberry runners we make a special attachment, consisting of a ten-inch flat steel disc mounted on an outrigger. Strawberry Runner Cut Attachment extra \$1.60.



"PLANET JR." No. 8 Horse Hoe.

Price as in cut \$8.00.
Without Depth Regulator \$7.00.
No. 4 Horse Hoe, complete \$5.50.
No. 9 Horse Hoe, complete \$6.50.

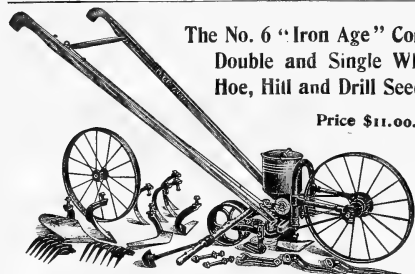
Probably no other cultivating machine is so widely known as the "Planet Jr." Combined Horse Hoe and Cultivator. It is so strongly built as to withstand incredible strain, yet it is light and easy to handle.



Every part is perfected to make the tool comprehensive to the intelligent farmer, who knows the best is always the cheapest.

"IRON AGE" GARDEN AND FARM IMPLEMENTS

Below we illustrate a few of the leading "IRON AGE" Farm and Garden Implements for 1903. To all of our readers desiring a full description of the Tools named below, we send free upon application a copy of the "Iron Age" Catalogue.



**The No. 6 "Iron Age" Combined
Double and Single Wheel
Hoe, Hill and Drill Seeder.**

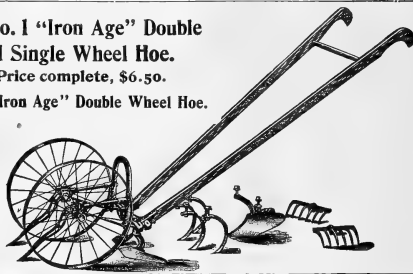
Price \$11.00.

**The No. 1 "Iron Age" Double
and Single Wheel Hoe.**

Price complete, \$6.50.

No. 3 "Iron Age" Double Wheel Hoe.

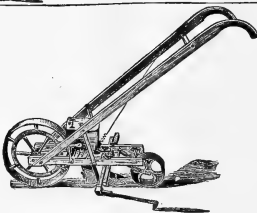
**Side
Hoes
Only,
\$3.75.**



**No. 12 "Iron Age" Wheel Plow
and Cultivator.**

Price \$3.25.

**No. 11
"Iron Age"
Wheel Plow.
\$2.25.**



**The No. 8 "Iron Age" Hill and
Drill Seeder.**

**Price
\$10.00.**

**"New Model"
Seed Drill.**

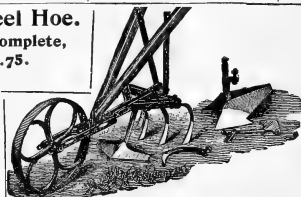
Price \$7.50.



No. 9 "Iron Age" Single Wheel Hoe.

**Price complete,
\$4.75.**

**No. 10,
Side
Hoes
Only,
\$3.00.**



**"Gem of the
Garden" Single
Wheel Hoe.
Price complete \$4.00
Gem Double
Wheel Hoe.
Price complete \$5.00**

**The No. 4 "Iron Age" Combined Double
Wheel Hoe and Seed Drill.**

**Price
complete,
\$10.00.**

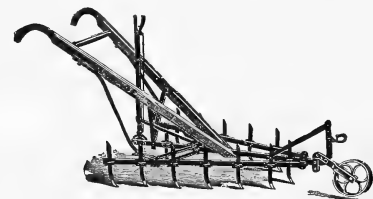


No. 1 "IRON AGE" Combined Harrow and Cultivator

**Price as in cut
\$5.00.**

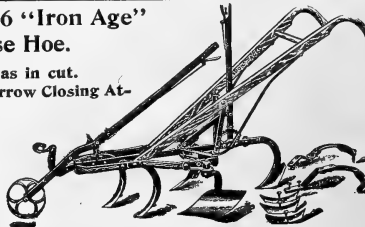
**Without wheel
\$4.75.**

**Plain without
wheel and
lever,
\$4.00.**



**The No. 6 "Iron Age"
Horse Hoe.**

**Price \$7.75. as in cut.
Without Furrow Closing At-
tachment,
\$6.50.**



WATERING APPLIANCES, HOSE, ETC.

SYRINGES

Length of Barrel, 18½ in.; diam., 1½ in.



DEAKIN'S BRASS GARDEN SYRINGES.

No. A.	1 stream and spray hose, 12 x 1 inches	..... \$2.00
No. B.	1 " " " 13 x 1½ " "	..... 2.75
No. C.	1 " " " 14 x 1½ " "	..... 2.25
No. 2.	1 " " 2 roses, 13½ x 1 5-16 in	..... 4.00
No. 5.	1 " " 2 " 18 x 1½ in	..... 6.00
No. H.	18 inches long, 1½ inches in diameter (with movable spray \$2.30)	..... 2.15

A. & W. HOSE BAND



No special tools required. Engage the lever in the farthest notch it can reach, press down lever, then hammer down ears and the lever is locked. The lever cannot slip. Each 50c.; per doz. 45c.

COOPER'S BRASS HOSE MENDER



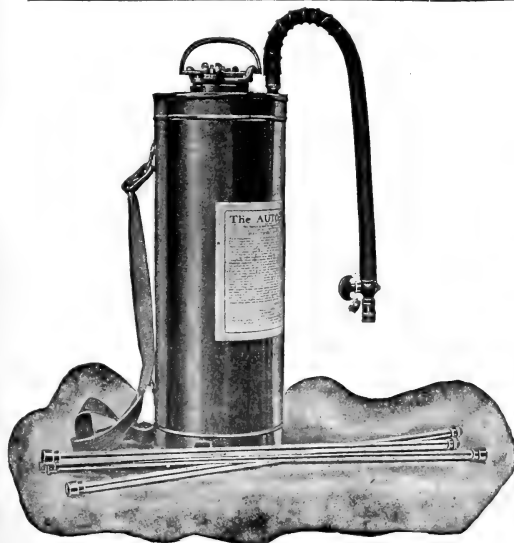
HOSE MENDERS.

Standard	..... each \$0.05	per doz. \$5.50
Cooper's	..... " .10	" 1.00
Woodson	..... " .05	" .50
Hudson	..... " .04	" .42

Complete outfit for mending hose, containing 6 menders, 18 bands, 1 pair pliers, 65c. (75c. by mail.)

Acme Hose Crook and Swivel Joint

Saves the hose and doubles its life. Attached to ground pipe or spigot. Bending of the hose is avoided. Hose does not wear out from the friction of the water, but from the constant bending and twisting to which it is subjected. The use of the crook removes the greatest cause of wear. Each 50c.; per doz. \$5.00.



The Auto-Spray.

DEMING'S

Barrel Spray Pump.

Fig. 550. Pump only \$6.50

Outfit A—Pump as above with 12½ feet of ½ inch hose, Bordeaux nozzle and pole connection.

\$8.75

Outfit B—Pump as above with two 12½ foot sections of ½ inch hose, Bordeaux nozzles and pole connection.

\$11.00

Truck, Barrel and Pump complete: 1½ in. tire \$16.50
2½ in. tire 17.25
3½ in. tire 18.25



Fig. 550



Fig. 651

"THE GARDENER'S CHOICE"
½ barrel, Cart and Pump complete, \$12.00



RUBBER HOSE

Red Cross Brand. ¾ inch. 7½c. per foot.
Standard Brand. ¾ inch. 11c. per foot.
Extra Standard Brand. ¾ inch, 3-ply. 12½c. per foot.
With our guarantee.
Extra Standard Brand. ¾ inch, 4-ply. 15c. per foot.
With our guarantee.
Chicago Electric (New). 16c. per foot.
"Bull Dog." Extra heavy. 16c. per foot.
Wire Wrapped (Sphincter). ¾ inch. 17c. per foot.

HOSE NOZZLES



Boston Spray Nozzle
Made of copper. Fine or coarse spray. 50c. each.



Fig. 963.
Vermorel Nozzle
75c. each.

The Improved "Bordeaux" Spray Nozzle

The "Bordeaux" Nozzle is the simplest and best combination spraying nozzle on the market. It throws solid stream or a fine-shaped spray adjustable to any fineness. It will also throw a long distance coarser spray for spraying very large trees; features possessed by no other spray nozzle. It can be used with any spray pumps. Furnished with ½ and ¾ inch hose connection. Price ¾ inch pipe and ½ inch hose, as per cut, 75c.



Gem Nozzle. 35c. each.
Boss Nozzle. 40c. each.
Ratnmaker Nozzle. 30c. each.

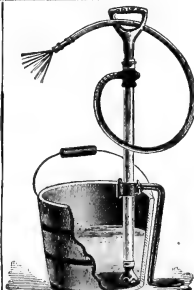
BUCKET FORCE PUMPS FOR SPRAYING.

Success. Made of brass, fitted with 3½ feet of hose, with a "Bordeaux" Nozzle attached. Price \$4.00.

Perfect Success. Similar to the above, but with an attachment for fastening to a bucket. Price \$5.00.

Extra. 7 foot rubber sections with couplings for extending the length of hose. Price \$1.25 each.

Acme Force Pumps. Very durable. Made of brass. Price \$4.00 each.



Success Pump.



Disconnected.

Water-Tight Hose Coupler

Instantaneous in operation. Simplicity itself. Can be operated by a child. No screws to get out of order. Nothing to get damaged or broken. Per pair 25c.; per doz. pairs \$2.50.

THE AUTO-SPRAY

Operates with compressed air. No tiresome work, pumping, etc. The most practicable spray offered anywhere. Brass \$6.00; \$4.00 for the galvanized iron. Extra extensions to connect to hose 2 feet long 30c. each.

"BOSS" ROLLERS



HAND ROLLERS "BOSS"

No. 1.	15 in.	diameter,	15 in.	long,	in 2 sections;	7 1/2 in.	face;	150 lbs.	Price \$7.50
No. 2.	15 in.	"	22 in.	"	in 3 "	7 1/2 in.	"	200 lbs.	" 9.00
No. 3.	20 in.	"	16 in.	"	in 2 "	8 in.	"	225 lbs.	" 10.00
No. 4.	20 in.	"	20 in.	"	in 2 "	10 in.	"	250 lbs.	" 11.00
No. 5.	20 in.	"	24 in.	"	in 3 "	8 in.	"	300 lbs.	" 13.25

"BOSS" ROAD AND GOLF GROUND ROLLERS

No. 25.	36 in.	diameter,	4 ft.	long,	in 4 sections;	12 in.	face;	2560 lbs.	Price \$37.50
No. 26.	36 in.	"	5 ft.	"	in 5 "	12 in.	"	3000 lbs.	" 112.50

"BOSS" HORSE LAND ROLLERS Note these low prices With either Pole or Shafts. In ordering state which you want.

No. 14.	20 in.	diameter,	4 ft.	long,	in 4 sections;	12 in.	face.	850 lbs.	Price \$33.75
" 15.	20 in.	"	5 ft.	"	in 5 "	12 in.	"	1000 lbs.	" 37.50
" 16.	24 in.	"	4 ft.	"	in 4 "	12 in.	"	1100 lbs.	" 41.25
" 17.	24 in.	"	5 ft.	"	in 5 "	12 in.	"	1250 lbs.	" 45.00
" 18.	24 in.	"	6 ft.	"	in 6 "	12 in.	"	1400 lbs.	" 52.50
" 19.	28 in.	"	4 ft.	"	in 4 "	12 in.	"	1150 lbs.	" 45.00
" 20.	28 in.	"	5 ft.	"	in 5 "	12 in.	"	1400 lbs.	" 52.50
" 21.	28 in.	"	6 ft.	"	in 6 "	12 in.	"	1600 lbs.	" 60.00
" 22.	30 in.	"	4 ft.	"	in 4 "	12 in.	"	1300 lbs.	" 48.75
" 23.	30 in.	"	5 ft.	"	in 5 "	12 in.	"	1500 lbs.	" 56.25
" 24.	30 in.	"	6 ft.	"	in 6 "	12 in.	"	1700 lbs.	" 63.75

Sieves

For sieving sand, soil,
etc. 20 in. 65c; 18
in. 55c; 16 in. 45c.

Cider Mills

Buckeye Junior	\$12.00
Buckeye Medium	16.00
Buckeye Senior	20.00

Berry Presses

No. 1	\$3.75
No. 2	4.50
No. 2 1/2	5.75
No. 3	6.25

Rubber Aprons

Will protect your clothes while watering and doing
greenhouse work. \$1.50 each.

WROUGHT STEEL GARDEN and LAWN ROLLERS

Made of the best wrought steel, and
filled with concrete to give additional
weight.
10 in. diameter, 13 in. long, weight about
130 lbs., about \$7.50.
12 in. diameter, 13 in. long, weight about
200 lbs., about \$9.00.
14 in. diameter, 21 in. long, weight about
300 lbs., about \$10.75.

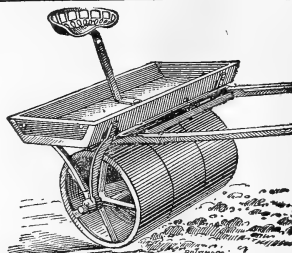
Also, a full line of larger sizes.

CHAMPION STEEL LAWN and FIELD ROLLERS

These rollers are made of the best
wrought steel and filled with concrete to
give them additional weight, and are pre-
ferable to cast iron, as they are not so liable
to break.
24 in. diameter, 30 in. long, weight about
450 lbs., about \$40.00.
24 in. diameter, 36 in. long, weight about
550 lbs., about \$55.00.

Special prices quoted on application
for larger sizes.

Horse, Road and Golf Ground Rollers



LEAF RACK

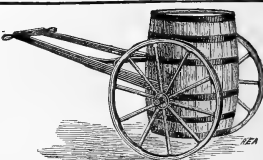
Light and durable. Can
be easily folded and de-
tached, and the truck used
with water barrel.

1 1/2 in. wheel	.....\$ 9.75
2 1/2 "	" " 10.50
3 1/2 "	" " 11.25
Leaf Rack only	..... 4.25

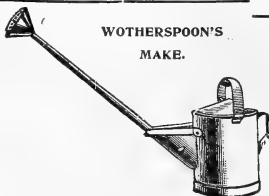


Water Truck and Barrel

Barrel can be detached from truck with-
out difficulty, or tilted to empty contents.
Other barrel leaf rack and box can be used.
1 1/2 in. wheels.....\$8.00
2 1/2 " " " " 8.50
3 1/2 " " " " 9.25
Large box to fit on truck, extra..... 2.75
Leaf rack attac'm't to the water truck 4.25
Sprinkling attachment..... 3.50
Extra barrels with trunnion..... 2.50



WOTHERSPOON'S MAKE.



GALVANIZED WATER POTS

The best and most durable watering
pot made. Each has two roses—one fine
and one coarse.

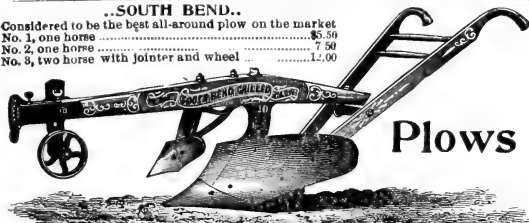
4 quart round,	\$1.60	Oval,	\$
6 "	1.85	"	2.10
8 "	2.00	"	2.35
10 "	2.25	"	2.60
12 "	2.60	"	2.85
16 "	3.15	"	

Galvanized Iron Clad Watering Cans
The best cheap watering can in the mar-
ket. Very durable. Sizes 4 to 20 qt., set
to \$1.50 each.

MISCELLANEOUS MATERIALS.

..SOUTH BEND..

Considered to be the best all-around plow on the market
 No. 1, one horse \$5.50
 No. 2, one horse 7.50
 No. 3, two horse with jointer and wheel 1.00

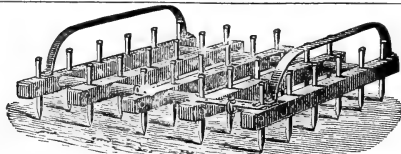


Plows

Gale Plow, No. 25, one horse.....\$5.50 Subsoil Plow (Amer'), No. 0 \$8.00
 Gale Plow, No. 20A, two horses.....12.00 | Plow Shares for all the above makes and
 No. 2 Syracuse Steel Beam 2-Horse Plow. \$14.00. (styles in stock.
 Syracuse 1 Horse Plow. With reversible Mould Board \$6.50.

WHEEL BARROW SEED SOWERS

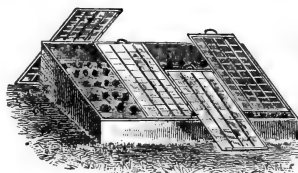
Especially made for sowing Grass and field Seeds;
 13½ in wide. \$6.50 each.



EVANS HARROWS 24 Teeth \$5.50; 30 Teeth \$6.50.

SOIL OR SAND SIEVES

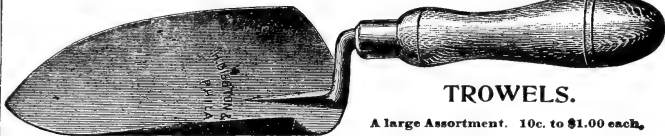
We can supply any size mesh, from No. 1 to 30. Made extra strong. 20 in. 65c.; 18 in. 55c.; 12 in. 45c.



HOT BED SASH.

Prices fluctuate.
 3 ft. 2 in. x 6 ft.
 Unglazed, \$1.40 each.

Special price will be quoted on quantities, also on glazed and painted complete sash.



TROWELS.

A large Assortment. 10c. to \$1.00 each.



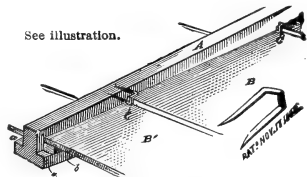
Seed Sower.

CAHOON'S BROADCAST SEED SOWER.

The most practical and satisfactory machine for accurately sowing Timothy, Clover and other similar seeds. Price \$3.50 each.

VAN REYPER'S PERFECT GLAZING POINTS.

See illustration.



GLAZING POINTS.

"PEERLESS." (Van Reyper's.) Galvanized. 60c. per 1000; 5000 for \$2.75.
 "PEERLESS." (Van Reyper's.) Brass. \$1.00 per 1000.
 SIEBERT'S NEVER-RUST. 40c. per lb
 BRUEN MAKE. 45c.
 ZINC NAILS. 20c. per lb.
 Pincers for driving Van Reyper's Points, 50c. per pair.



PLANT BED CLOTH.

A Substitute for Glass Sash on Hot-beds and Cold Frames.

LIGHT GRADE. Mostly used for shading greenhouses. Per yard, 4c.; by the piece of 66 yards, 35c. yard.

MEDIUM GRADE. The best for general purposes. Yard, 8c.; by the piece of 60 yards, 1c. yard.

HEAVY GRADE. Water-proof and advised for States north of Pennsylvania. Per yard, 10½c.; by the piece of 40 yards, 10c. per yard.

Tree Guards

Will be found indispensable after once used.
 Just what has been wanted for a long time.
 Price \$1.50 each.
 \$15.00 per doz.



ZEMENTINE

Better than white-wash for shading glass. More durable. 15 cts. per 2 lb. package; ½ bbls. containing about 150 lbs., 7 cts per lb.; full barrels, containing about 300 lbs., 6 cts. per lb.

Putty Bulbs.

Used for Applying Putty when Glazing.
 90c. each.



Mastica

FOR GLAZING GREENHOUSES

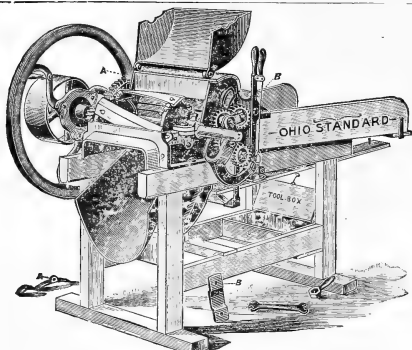
(New or Old).

Machine for applying Mastica.

Used now extensively, and highly recommended by all the up-to-date gardeners and florists.

One gallon will cover about 300 running feet.
 Per gal. \$1.25; half gal. 65c.; 5 gals. \$5.75
 Machines for applying Mastica, \$1.25 each.

TWEEDLOWS ENGLISH GREENHOUSE PUTTY. Used for glazing. Highly recommended, 16 lb. can \$1.25; \$3.75 for 50 lb kit; 80 lb. kit for \$6.00.



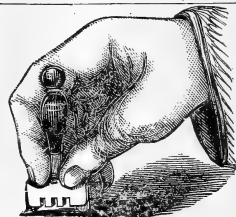
OHIO HAY AND FEED CUTTER

This is considered the finest machine in the market for cutting hay ensilage, etc. We can furnish it with single and double knife. Single knife, price, \$12.00; double knife, \$16.50.



ROOT CUTTERS

No. 16 Banner. Price, \$12.00. No. 20 Banner. Price, \$8.50. No. 7 Banner Junior. Price, \$5.00. Ames. Price, \$12.00.



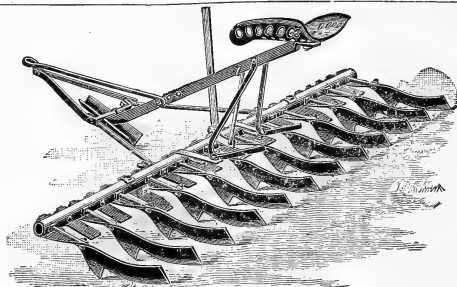
GLASS CUTTERS

Steel Wheel. 15c. each.
Genuine Diamond, with Ebony Handle.
Price, \$2.50 each.



FORKS

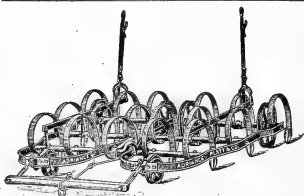
Manure and Digging.
A large assortment
60c. to \$1.35 each.



Acme Pulverizing Harrow

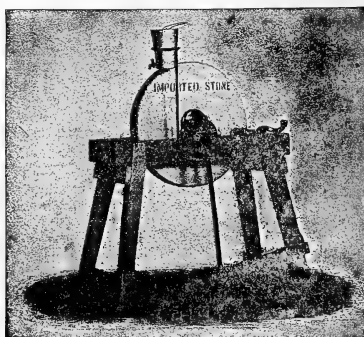
Acme Harrow

The most satisfactory implement for properly crushing and pulverizing the soil, covering area $5\frac{1}{2}$ feet. All steel. Price, \$16.00.



SPRING TOOTH HARROW

Adriance Spring Tooth Harrow. Can be raised and lowered at will; runs on wheels. Price, \$17.50.



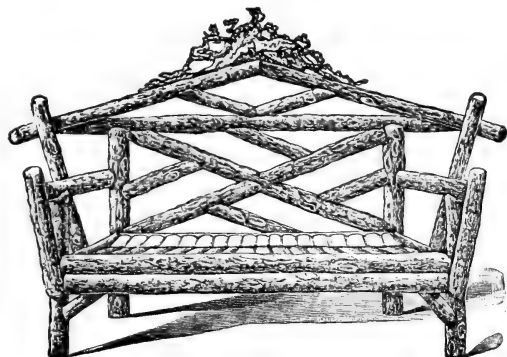
GRINDSTONES

Cleveland No. 2. Price, \$4.25. Cleveland No. 3. Price, \$3.75.
Bl-Treadle, with seat. Price, \$5.00.



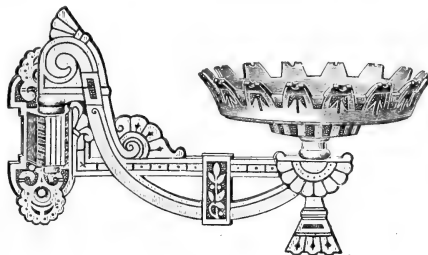
HOES

$\frac{1}{2}$ Moon and Square for field and garden use. 35c. to 75c. each.



Rustic Settee
Rustic Work

A full assortment of Settees, Chairs, Bird Houses, Baskets, etc.



Pot Brackets

Small size, for single Pot, 25c and 50c. each.
 Large " " 50c. each.
 Large size, to hold 2 Pots, 75c. each.

See also Pot Bracket
 suitable for mailing,
 page 83.

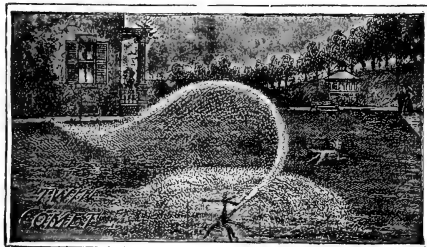
LAWN SPRINKLERS, HOSE REELS, ETC.



**Waterwitch Lawn
 Sprinkler**

65c. each.

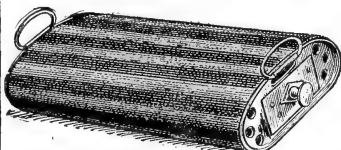
A large selection of Lawn
 Sprinklers 25c. to \$5.00
 each.



Twin Comet Lawn Sprinklers

Will sprinkle an area four times greater than
 any other sprinkler.

Used and generally recommended by all
 who desire the very best.



**Lehman's Carriage and Wagon
 Heaters**

Over 150,000 now in use; pronounced the best
 made.

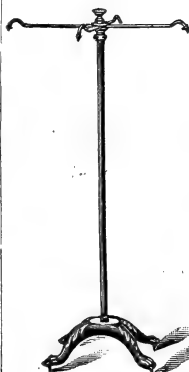
No. 5, with one compartment, \$2.75 each.

No. 3, with three compartments, \$7.25.

Tongs for handling the hot coal 25c. each.

Coal for burning 85c. per doz. bricks; per
 100 \$6.50.

Illustrated Catalogue and Price List of these
 heaters free.



Peck Lawn Sprinkler

4-arm \$3.00 each.

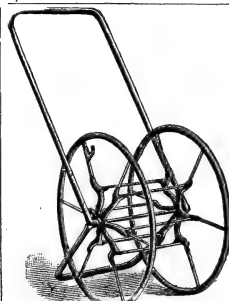
8-arm \$3.75 each.



Rustic Baskets (1.00 to 2.00 each)

**Wire Hanging
 Baskets**

8 in. 15c.; 10 in. 20c.; 12 in.
 25c.; 14 in. 30c. each.



Wirt's Hose Reel

(All-Iron)

No. 10, holds 100 ft. hose, \$2.75
 20, " 150 " 3.00
 " 30 " 5.00

Duke Hose Reel (Wood),

holds 100 ft. hose, 75c. each.

Sylph Hose Reel (Wood),

holds 150 ft. hose, \$2.25 each.

PLANT STAKES, STANDS, LABELS, ETC.

GREEN PAINTED STAKES

1 1/2 ft., light tapering	Doz. 100	3 ft. heavy or dahlia	Doz. 100
1 1/2 " " " "	\$0.16 \$1.01	3 1/2 " " " "	\$0.75 \$4.86
2 " " " "	.27 1.76	4 " " " "	.88 5.68
2 1/2 " " " "	.42 2.65	5 " " " "	1.01 6.06
3 " " " "	.50 3.34	6 " " " "	1.38 8.44
3 1/2 " " " "	.65 4.22	7 " " " "	1.45 9.60
4 " " " "	.76 4.86		
5 " " " "	.88 5.68		

UNPAINTED STAKES OR DOWELS.

36 inches long, 1/2 inch diameter	Doz. 100 1000
42 " " 3/4 " "	\$0.15 \$0.55 \$4.75
42 " " 1/2 " "	.18 .55 5.00
42 " " 3/8 " "	.20 .75 6.00
42 " " 1/4 " "	.28 1.00 7.50

HYACINTH STAKES. (Wood.)

12 in., per 100 200., per 1000 \$1.25; 18 in., per 100 300., per 1000 \$1.75.

GALVANIZED STEEL PLANT STAKES.

2, 2 1/2, 3, 3 1/2, 4 feet long	Doz. 100 1000	4 feet long	Doz. 100 1000
2 " " "	\$0.12 \$0.55 \$5.25	4 1/2 " " "	\$0.35 \$1.50 \$11.75
2 1/2 " " "	.15 .80 6.25	5 " " "	.30 1.56 13.00
3 " " "	.18 1.00 8.00	6 " " "	.35 1.75 14.00
3 1/2 " " "	.22 1.25 10.00	6 1/2 " " "	.40 2.00 16.00

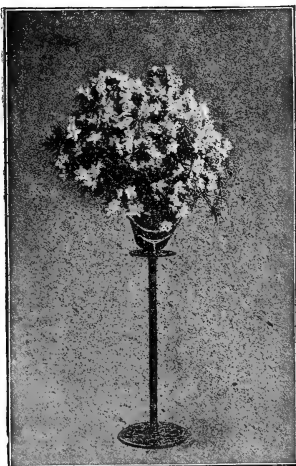
BAMBOO OR CANE STAKES

Always on hand.

\$1.00 per 100; 250 for \$3.00; \$6.00 per 1000.

GALVANIZED WIRE IN ROLLS.

No. 16, 18, 19, 20, 22, 24, 10c., 12c., 13c., 14c., per lb.; 85c., 95c., \$1.05, \$1.15, \$1.25, \$1.35 per stone of 12 lbs.



The New "Superior" Iron Plant Stand showing an Azalea in TILTING position.

"Star" Iron Plant Stands

12 inch.....\$0.70 each	30 inch.....\$1.15 each
18 inch......80 each	36 inch..... 1.40 each
24 inch......95 each	42 inch..... 1.55 each

The New "Superior" Iron Plant Stands
THIS is the very best and only stand that fills a *long felt want*. You can tilt and set your plants at any angle desired to produce the proper decorative effect. (For Azaleas and similar style plants it is especially invaluable). They are neat, durable, very strong, and suitable for either parlor, store, hall, conservatory or greenhouse. They are also desirable for elevating plants above others to save space.

Height	Size of Plates	Price	Height	Size of Plates	Price	Height	Size of Plates	Price
12 inch	8x7	\$0.85	30 inch	8x10 1/2	\$1.35	42 inch	8x12	\$1.75
18 "	8x7	.95	36 "	8x12	1.45	48 "	8x12	1.55
18 "	8x10 1/2	1.05	36 "	8x10 1/2	1.55	60 "	8x12	1.95
24 "	8x10 1/2	1.15	36 "	8x12	1.65	72 "	8x12	2.05
42 "	8x12	1.25	42 "	8x10 1/2	1.65			

When ordering please state size of plates and height wanted,

Tying Materials

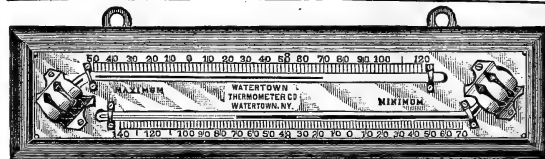
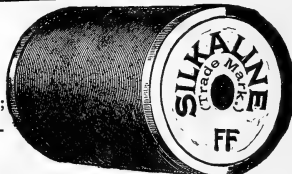
Green Silkaline. The best material for tying; does not fade; is very strong and durable. 20c. per spool, \$1.50 per lb.

Raffia. For tying. 20c. per lb.

String. For tying. All sizes. 5c. to 20c. per ball; 15c. to 35c. per lb.

Cut Flower Boxes

(Wooden and Paper.) A large assortment.



Mushroom or Hotbed Thermometers

BRASS TIP

\$1.50 each.

THERMOMETERS

Each Per doz	Each Per doz
Guaranteed Tested, 8 inch \$0.50 \$5.00	Tin Case, Standard, 8 inch \$0.20 \$2.00
" " " 10 " .65 6.50	" " " 10 " .25 2.50
" " " 12 " .80 8.00	" " " 12 " .30 3.00

Maximum and Minimum Thermometers Registering the Coldest and Warmest Temperature. Each, \$2.50 and \$3.00

PAINTED POT LABELS



3 1/2 inch	100	1000
3 1/2 " " "	\$0.10 \$0.75	
4 " " "	.12 .85	
4 1/2 " " "	.15 1.00	
5 " " "	.20 1.10	
6 " " "	.25 1.25	
8 " " "	.35 2.50	
10 " " "	.50 4.00	
12 " " "	.75 5.25	

Painted Tree Labels

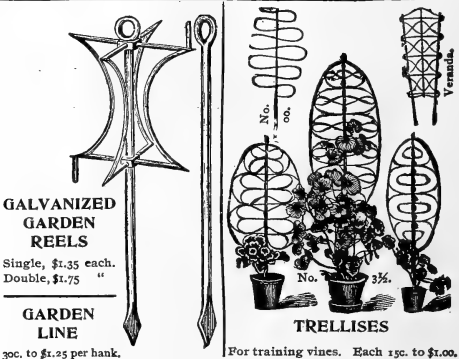
3 1/2 in. notched, per 100 15c.; per 1000 \$1.00. Copper Wired, \$1.25 per 1000.

Indelible Marking Pencil

10c. each.

Indestructible Copper Labels. Made of copper, thin and pliable; can be written on with a pencil, which indents the copper, leaving a permanent impression. Per doz. 20c.; \$1.00 per 100

Dodge's Everlasting Glass Labels. Will never wear out. Sample mailed free on application. 50c per doz.; \$3.50 per 100.



GALVANIZED GARDEN REELS

Single, \$1.35 each. Double, \$1.75 "

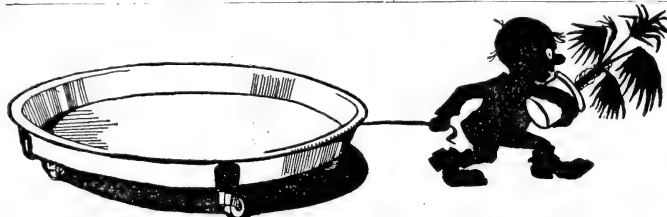
GARDEN LINE

30c. to \$1.25 per hank.

TRELLISES

For training vines. Each 15c. to \$1.00.

• A FEW GOOD THINGS THAT COMMAND PROMINENT RECOGNITION •

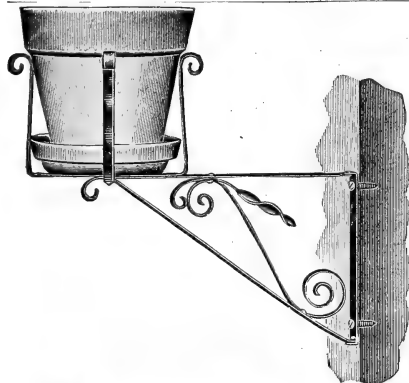


NEW WOOD FIBRE POT AND PLANT TUB SAUCERS.

Roll them around easily,
that's what you can do with heavy plants
when you put them on our new improved
Water-tight Rolling Saucer.

Size.	Each.	Dozen.
12 in.	\$0.50	\$5.50
14 "	.60	6.75
16 "	.75	8.50
18 "	.85	10.25
20 "	1.00	11.25
22 "	1.20	14.00

Larger Saucers to order made of sheet iron, painted green, fitted with rolling casters. Price for the asking.



A NEW Pot Bracket

THAT CAN BE SENT
BY MAIL

Made of heavy Japanned metal,
very durable and attractive.

Made in three sizes:

No.	Length of arm.	Clasp to hold	Price doz.	Price each
1 A	8 in.	5 in. pots	\$3.00	30c.
2 A	10 in.	6 in. pots	3.50	35c.
3 A	12 in.	7 in. pots	4.00	40c.

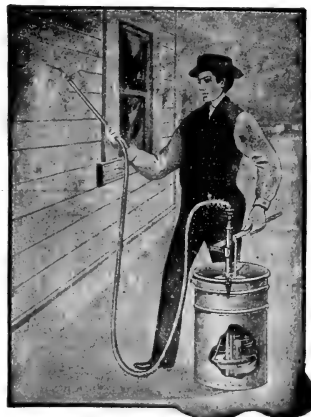
By mail 25c. each extra.



NEW STANDARD REGISTERING THERMOMETER.

Keep Records for Years.

It can readily be done with the Standard Thermometer either for Greenhouse, Dwelling-room or Outdoor use. Call and let us explain it to you.
Price, \$18.75 each.



RIPPLEY WHITEWASH MACHINE.

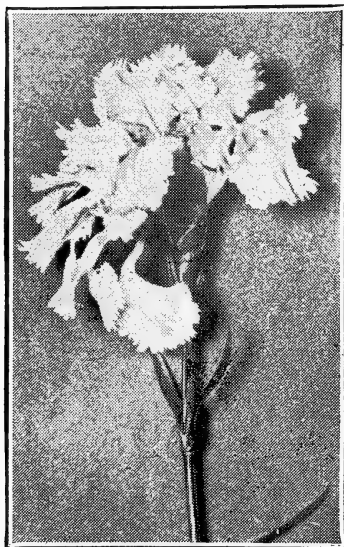
A method you will appreciate when you whitewash—use a Rippley White-wash Machine, the work can be done far better and with less labor, distributes it more evenly than with the old brush. The price is \$12.00. THEY LAST FOREVER.

McWHORTER SINGLE SEED DRILL.

It Drills and Hills. Price \$9.00 each.



NOT A SINGLE PIECE OF WOOD on it, is how the McWhorter Drill is constructed, and is also built on the most scientific up-to-date principles, used as a drill seeder, or hill-dropping machine. If interested in tools of this kind you should learn its good points before you buy a drill of another make.



BEFORE



AFTER

Carnation Bands

DON'T THROW AWAY

burst calyx carnation blooms. Even to the grower of a few of this favorite winter-blooming plant, this band is invaluable. Can be readily and quickly adjusted, almost invisible when on the flower, will not injure the most delicate flower.

WE SELL

7,000 for \$1.00 2,000 for 35c.
4,500 for 65c. 1,000 for 20c.

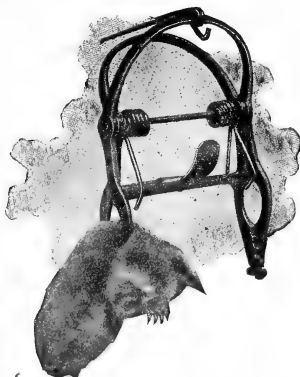
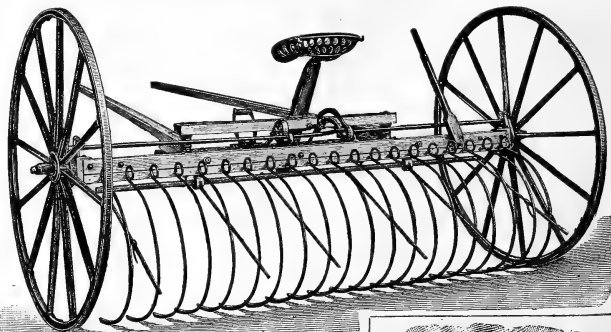
Postpaid to any address in the United States upon receipt of price.

The illustrations show a Carnation flower with a burst calyx, also the same flower with a Carnation Band on it. Note the difference, "Before and After."

THE New York Hay Rake

One of the most reliable machines of its kind.

	Width	Teeth	Price
No. 1	8 feet	20	\$19.00
No. 3	9 "	22	19.50
No. 5	10 "	24	21.50



Out O' Sight Mole Trap.

Quick as A Wink

That's How to Catch Moles

The Out O' Sight
Trap will do it.

Price each \$1.00

We also have six other styles of Mole Traps, all good ones, too.

Use Nicotinic for Fumigating

The flowers show no effects of its use. The insects disappear entirely. $\frac{1}{2}$ pint can contain sufficient to fumigate 16,000 cubic feet.

Price \$1.25 per $\frac{1}{2}$ pint; per pint, \$2.50; the lamp is 50 cts.

Special booklet mailed on the subject.

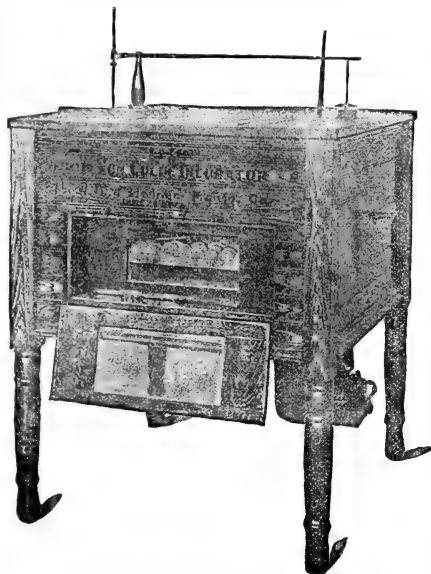


Lamp for Vaporizing Nicotinic.

A Word About Incubators.



Every one knows that a good hatch of Vigorous Chicks depends largely on the Incubator used. The "Improved Von Culin," has all the good points of merit that any incubator could possess. Acknowledged by experts to be the best in the market.



The Improved Von Culin Incubator.

PRICES, ETC.

60-egg size	\$ 8.00
100-egg size	11.00
200-egg size	18.00

Perfected Von Culin Incubator.

120-egg size	18.00
288-egg size	25.00
480-egg size	35.00

Perfected Compartment Incubator, 120 eggs to each Compartment.

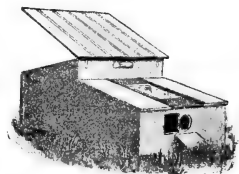
2 compartments, 240 eggs	30.00
3 compartments, 360 eggs	42.00
4 compartments, 480 eggs	54.00



Illustrated Catalogue of Incubators and Brooders Mailed Free upon Request.

"Peep-o-Day" Brooders

for in or outdoor use.



WE ARE agents for the World famous Peep-o-Day Brooders, considered to be the safest and best brooder made. Made in three sizes.



No. 0, Special, Chick Capacity 50,	....	\$5.00
No. 3, Junior, " "	50,	7.00
No. 1, Plain, " "	100,	10.00
No. 1, with Sun Parlor	....	12.00



Ask for Our Illustrated Poultry Supply Catalogue, it will interest you.

Parlor Plant Tub



is a new specialty—lighter, cleaner, dryer and in every way better than the old-fashioned wood tub.

It never shrinks or leaks.

¼ dozen in crate.

Diameter at Top.	Per Dozen.
13½ inch	\$ 9.00
13½ inch	12.00

Price-List Flower-Pot Saucers.

INCH.	PER DOZEN.	PER HUNDRED.	IN CRATE.
4	\$0.68	\$5.40	100
5	.72	5.63	100
6	.77	6.18	100
7	.81	6.39	100
8	.86	6.84	100
9	.90	7.38	50
10	.95	7.83	50
12	1.22	9.00	25
14	2.00	15.30	12
16	3.60	27.00	12
18	4.20	31.50	12
11	1.08	8.19	24
12	1.22	9.00	24
13	1.35	10.80	24
14	1.80	13.50	24

Shallow saucers sent only when specially specified.

Price-List of Florists' Vases. For Displaying Cut Flowers.

Diameter inches inside.	Depth, inches inside.	Order by No.	PLAIN, Each	PLAIN, Per Doz.
8	13	0	\$0.40	\$4.35
5½	10	1	.35	3.80
4½	9	2	.30	3.25
4	6	3	.25	2.75
3	4½	4	.20	2.20
9	22	00	.75	8.75
5½	18	11	.50	5.35
4½	15	22	.40	4.35
4	12	33	.35	3.80
3	9	44	.30	3.25
9	29	000	1.50	16.50

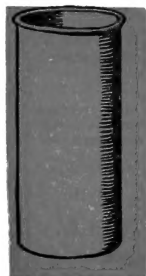
¼ dozen in crate.

No. 00 and 000 one each in crate.

Style listed "Plain" is our regular finish, a rich mahogany color.

We have discontinued carrying any Enameled Vases in stock, as we have calls for so many different colors. On orders for not less than one gross of vases all one color we will furnish them to match almost any color, at above prices.

Shipment of enameled vases in about 2 to 3 weeks after receipt of order.



We also have on hand larger-sized saucers. Write us your wants and we'll quote you.

INDURATED FIBRE Flower Pot Saucers are light and not easily broken.

Far cheaper in the end and better in every way than the earthenware article. Are not porous, and will protect wood-work, tables, etc., on which plants are to stand.

The small-sized INDURATED FIBRE saucers cost very little more than the ordinary earthenware—while the larger ones (10 or 12 inch and up) are actually cheaper in first cost than anything else.

is practically indestructible under ordinary conditions of use and abuse. It is absolutely impervious to moisture, as the water will not creep through the tubs or over and down the sides. A non-conductor of heat and cold—light weight and has no joints or seams. They protect the table, stands, decorations, etc., from moisture and mold. Florists and decorators will find the SAUCERS and ROLLING STANDS particularly valuable for plant and palm-displays at social functions. The ROLLING STANDS will meet a ready sale when displayed to the plant-loving house-keeper.

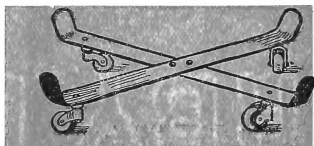
INDURATED FIBRE-WARE VASES AND POT SAUCERS will prevent 90% of the usual waste of breakage of pottery around the greenhouse. They protect the carpets or floors from all moisture and damage, and are as easily moved as a table or rolling-stand—no matter how heavy the plant.

Indurated Fibre-ware

Fibre-Ware Rolling Stand

is mounted upon ball-bearing casters, and furnishes an easy and ready means of moving heavy plants in permanent or temporary locations.

The four smaller sizes have a detachable and strongly made metal base so



that a new dish may be used in place of one damaged or broken, the enameled Steel

Stand and Casters being separate.

The two larger sizes have the Casters securely attached to the shallow dish.

Price-List Rolling Stands.

Outside diameter about	Will take pot of diameter at bottom.	Each.	Per doz.
12 inches	10 inches	\$0.45	\$4.95
14 "	11 "	.54	6.08
16 "	13 "	.68	7.65
18 "	15 "	.77	9.23
20 "	17 "	.90	10.13
22 "	20 "	1.08	12.60

**CLEAN, PRACTICAL,
DURABLE AND CHEAP.**

INDURATED FIBRE.

FLORISTS' VASES,

For Cut Flower Displays and Storage.

FLOWER POT SAUCERS.

Cleaner and more Durable than Pottery.

ROLLING STANDS

AND

PARLOR PLANT TUBS,

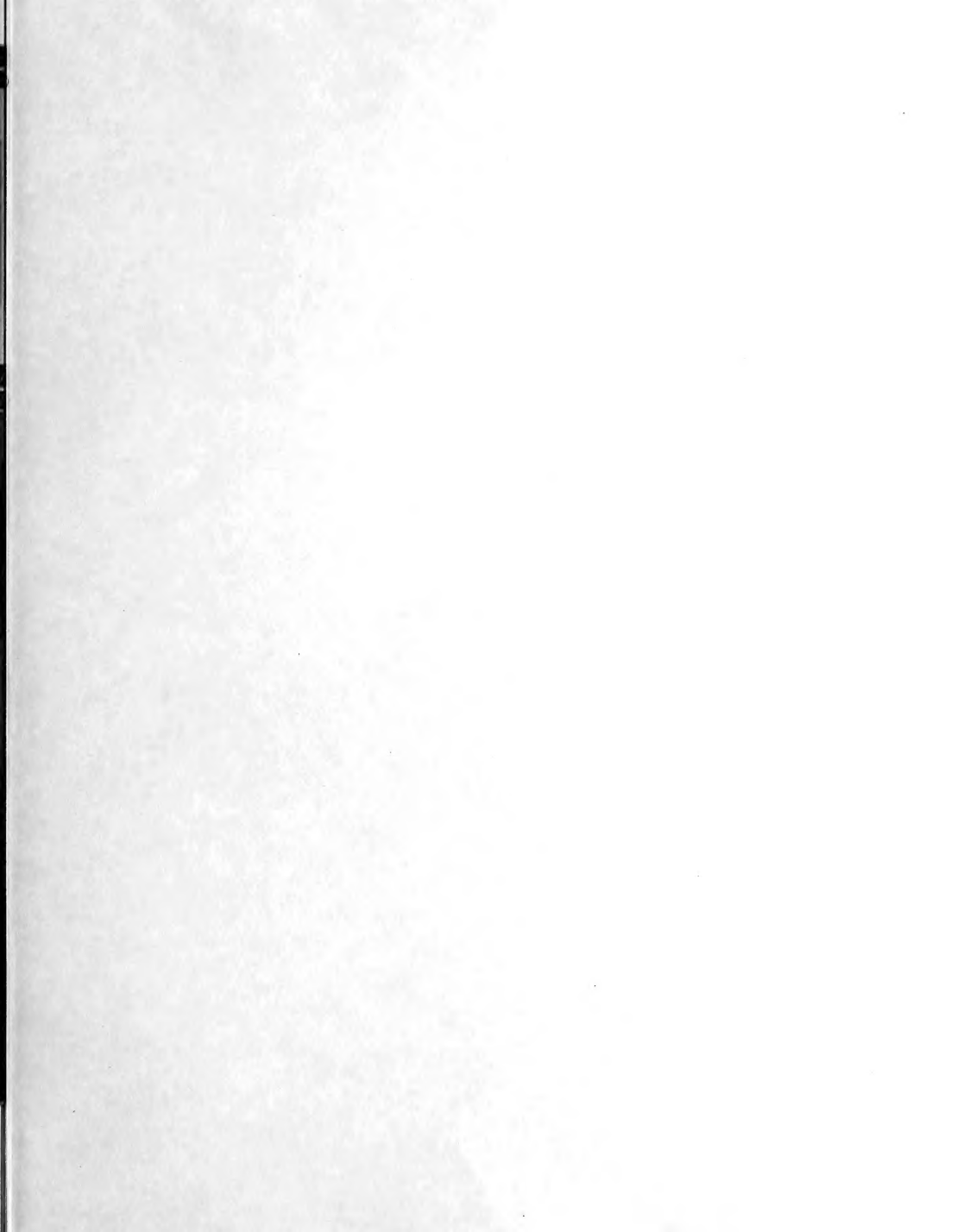
For Heavy Plants and Palms Usually Kept in Tubs.

Reduces the breakage—and removes the dripping—the moisture and the dampness usually considered a necessary part of floral displays in pots or tubs.

The first investment is the only expense.

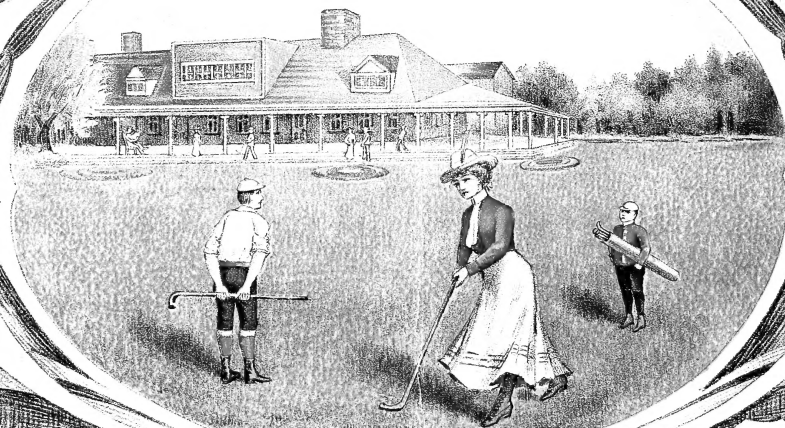
HENRY F. MICHELL,

1018 Market Street,
Philadelphia, Pa.



MICHELL'S EVERGREEN LAWN GRASS SEED

OUR OWN SPECIAL FORMULA FOR
PRIVATE LAWNS · GOLF COURSES · TERRACES
· SHADY LOCATIONS ETC. ·



Office of J. F. SMITH, Landscape Gardener to the Pennsylvania Railroad Co.

April 10th, 1902.

Gentlemen:—I thank you very much for sending us such **Fresh and First-Class Grass Seeds** which we received from your house. I also think very much of your prompt way of doing business.

Very respectfully,

J. F. SMITH

TRENTON, N. J., June 1st.

GENTLEMEN:—Your **Evergreen Lawn Seed**, purchased a short time ago, has already produced a splendid lawn. It's a grand mixture indeed.

Very truly yours,

HENRY T. CLINKABERRY.

Gardener to C. G. Roebling, Esq.

PRICE:

25c. PER QUART.

\$1.00 PER PECK.

\$4.00 PER BUSHEL, (20 LBS.)